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PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1943

PRECIPITATION IN TENNESSEE RIVER BASIN
ANNUAL 1943

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PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1943

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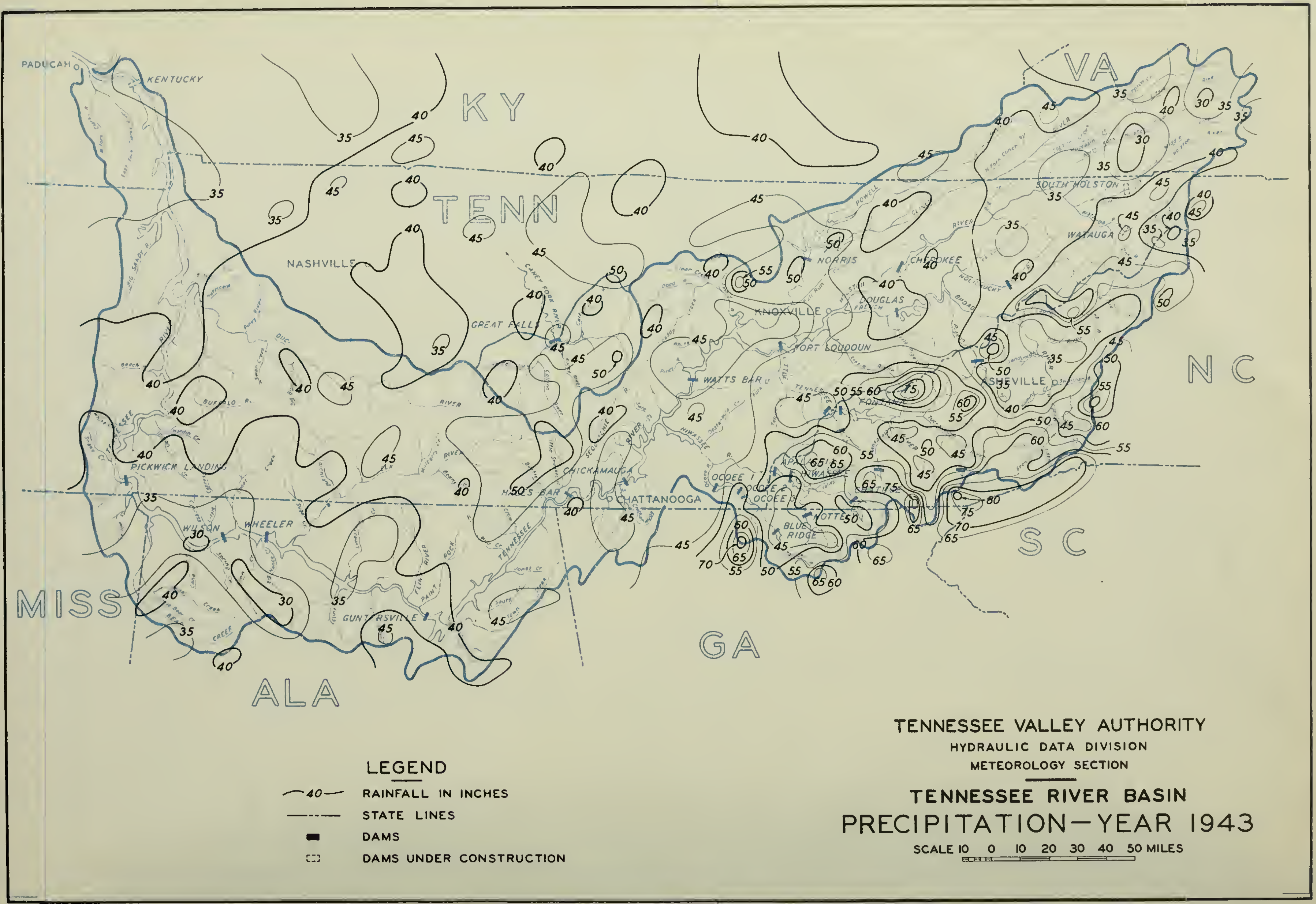

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN
PRECIPITATION—YEAR 1943

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PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1943

Average precipitation over the Tennessee River Basin in 1943 was 41.98 inches, 9.69 inches less than the normal 51.67 inches. The area above Hales Bar received somewhat more than the area below Hales Bar, being 44.20 inches and 39.40 inches respectively as compared with normals of 50.85 inches and 52.57 inches. During only three months of the year, March, July, and September, was rainfall in excess of normal. March was the wettest month with December second. Least rainfall occurred in October, but January showed the greatest deficiency.

The greatest rainfall for the year was 81.65 inches at Highlands, North Carolina, and the least was 26.17 inches at Moulton, Alabama. Only five stations reported more than 70 inches, while 187 reported less than 40 inches, 52 less than 35 inches, and 6 less than 30 inches.

The French Broad watershed above Blantyre showed the greatest average, 64.7 inches, among subdivisions, while the watershed of the North Fork of the Holston averaged 34.2 inches, the least of subdivision averages.

The maximum snowfall reported from a regular station was 48.4 inches at McKinney Gap, North Carolina, but measurements made by the National Park Service in the Great Smoky Mountains National Park indicate 63.0 inches at Newfound Gap. Snowfall west of Chattanooga, 111 stations reporting, averaged 1.7 inches; and that east of Chattanooga, 206 stations reporting, was 7.1 inches. On January 26 a sleet and snow storm over Middle and West Tennessee, brought transportation to a standstill, and covered everything with winter beauty. In East Tennessee the storm was mostly rain; but in the upper Clinch and Holston valleys, the rain froze as it fell to produce a less spectacular, but just as effective, transportation tie-up.

Stream flow at Knoxville and Chattanooga was nearly the same as in 1942, and was 86.3 percent and 84.6 percent, respectively, of mean. January, February, and July showed flow in excess of monthly means at both localities while flow during the balance of the months was deficient.

During the year storms and other items of hydrologic interest have been the subjects of special mention in various issues of the monthly bulletin. A list of these special reports will be found on page 4.

Several charts and tables setting out data of general interest relative to rainfall and stream flow appear hereinafter. An isohyetal map shows the distribution of mean annual rainfall throughout the Tennessee Basin, and an accompanying table shows average monthly and annual rainfall over that portion of the Basin above Chattanooga. Also included is a chart showing mean annual runoff from numerous subdivisions of the Basin, and a tabulation showing this and more detailed similar data. Runoff is shown in inches of depth over the respective areas.

DROUGHTS IN TENNESSEE RIVER BASIN IN 1943

The fact that the average 1943 rainfall over the Tennessee Basin was deficient only 9.69 inches does not reveal the true picture of the effect of deficient or poorly distributed rainfall. Defining a drought as a period of 21 days, or more, during which less than one-third of normal rainfall occurs, a study of 1943 distribution at about 400 stations in the Tennessee Basin reveals that, on the average, drought existed 186 days during the year, the number of days at individual stations ranging from 64 at Stone Mountain, Tennessee, to 340 at Wilson Steam Plant, Alabama.

Before the middle of March and after the middle of August, the drought periods were fairly uniform as to length, had smaller intervening breaks, and were more regularly distributed than was the case during the balance of the year. From April through July, inclusive, drought periods were less regular as to both time and geographic distribution, and more irregular as to length. Included on pages 12 and 13 are maps showing areas subject to drought at various periods of the year.

The first dry period of the year began after the storm period of December 25-29, 1942, and extended to the latter part of January, 1943. This drought was irregular in occurrence in the Holston Basin and did not occur in the watersheds of the Hiwassee, Little Tennessee, and French Broad Rivers.

After an interval of from 5 to 15 days, another drought occurred, which began during the first half of February, usually extended to March 10-15, and affected the whole Tennessee Basin.

The third drought period was short and about equally divided between late March and early April. The southeast mountain section was little affected, and over the rest of the Basin occurrence was very spotty.

Between the middle of April and the end of July, drought occurrence was very irregular both as to length of periods and location of stations affected. From one to three separate periods developed, involving most seriously that part of the Basin west of the east face of the Cumberland Plateau. In the Elk Valley the drought was generally limited to the period May 15-June 30. In the Clinch and Holston Basins only a few stations registered drought between April 15 and July 30, and occurrences in the mountain areas were very scattered, being most numerous in the Hiwassee Basin and almost absent in the French Broad Basin.

During the period August 1 to September 20, the drought north of Johnsonville was nearly continuous, being broken usually by a five-day interval in early September. In the Duck Basin and the Tennessee Basin between Johnsonville and Pickwick Landing, this drought was generally avoided. In the balance of the Tennessee Basin west of Chattanooga, it was usually an August event, the first half of September not being involved. East of Chattanooga the tendency was for the dry period to cover August 15-September 20, except that the Blue Ridge areas of the Hiwassee, Little Tennessee, and French Broad were often involved for the full period. The lower Nolichucky valley, west of the mountains was generally free of drought.

The two drought periods after September 30 were common to the whole Tennessee Basin, the only differences being in the length of the relieving gap between them and the date of termination in December. In most instances west of Chattanooga, there was a two to ten day gap between the two droughts, and the second drought ended usually on December 25. Above Chattanooga along the Tennessee River, in the Clinch valley and the Holston valley below Elizabethton, the interval between the two droughts extended from October 13 to November 4, the second period generally ending December 25. Over the balance of the area above Chattanooga, consisting principally of the mountain districts, the 20-day interval between droughts became irregular and grew smaller especially in the vicinity of the Blue Ridge, where it often narrowed down to three or four days.

In most cases the rains of December 25 and 26 broke the drought but in a few cases it carried on until the rains of January 3, 1944. Within a few days after January 3, drought conditions were generally re-established throughout the Tennessee Basin, to be again terminated by the rains of February 1944.

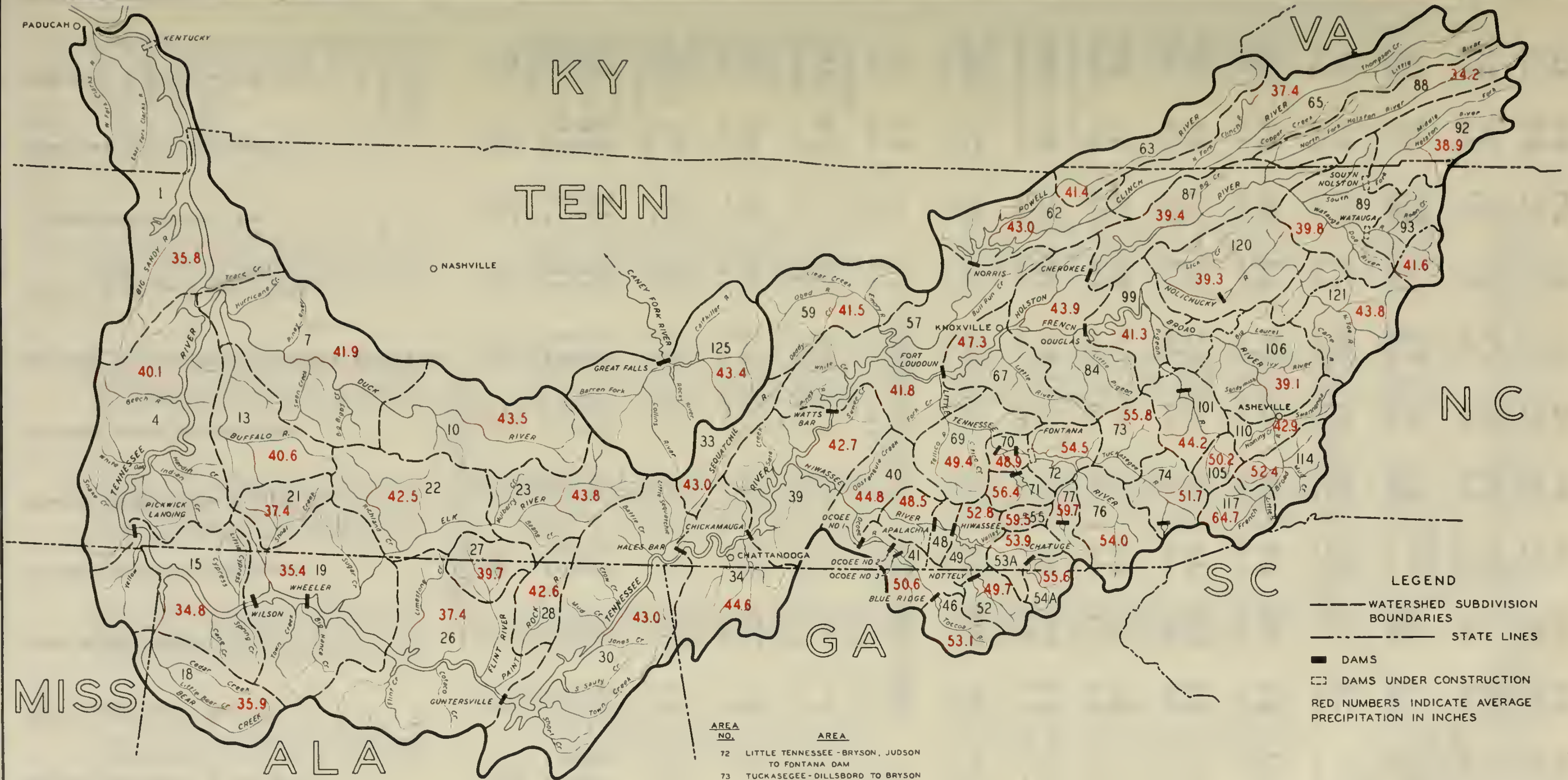
SPECIAL STORM INVESTIGATIONS DURING 1943

Storm	Date	Monthly Bulletin Containing Report
Storm of January 26, 1943	January 26	January
Storm of March 18-19, 1943, in Middle and West Tennessee	March 18-19	March
Waterspouts in Guntersville Lake	April 10	April
Storm of April 12, 1943, near Vinemont, Alabama	April 12	April
Tornado at Hackleburg, Alabama	April 12	April
Heavy Rainfall in vicinity of Paducah, Kentucky	May 10-11	May
Giles County Storms of May 9 and 11	May 9 and 11	May
Storm of July 26 at Chattanooga	July 26	July
Droughts of Summer of 1943	March-December	August et seq.
Storm of July 5, 1943, in vicinity of Pilkey Creek, North Carolina	July 5	November
Droughts of 1943	Jan.-Dec.	Annual

TENNESSEE RIVER BASIN MONTHLY PRECIPITATION DURING 1943

Precipitation in Inches

Month 1943	Above Hales Bar Actual	Below Hales Bar Actual	Tennessee River Basin			
			Actual	Normal	Deviation from Normal Monthly	Cumulative
January	3.53	1.62	2.64	4.69	-2.05	-2.05
February	3.59	2.58	3.12	4.34	-1.22	-3.27
March	5.80	6.67	6.21	5.41	+0.80	-2.47
April	3.79	3.50	3.65	4.54	-0.89	-3.36
May	3.59	3.50	3.55	4.29	-0.74	-4.10
June	4.27	2.55	3.47	4.40	-0.93	-5.03
July	6.66	3.12	5.01	4.79	+0.22	-4.81
August	2.64	2.89	2.76	4.44	-1.68	-6.49
September	3.60	6.31	4.87	3.20	+1.67	-4.82
October	2.13	0.93	1.57	3.21	-1.64	-6.46
November	1.79	2.39	2.07	3.32	-1.25	-7.71
December	2.81	3.34	3.06	5.04	-1.98	-9.69
Total	44.20	39.40	41.98	51.67	-9.69	



AREA NO.	AREA
1	TENNESSEE - JOHNSONVILLE TO MOUTH
4	TENNESSEE - PICKWICK TO JOHNSONVILLE
7	DUCK - COLUMBIA TO MOUTH
10	DUCK - ABOVE COLUMBIA
13	BUFFALO - ABOVE LOBELVILLE
15	TENNESSEE - FLORENCE TO PICKWICK
16	BEAR CREEK - ABOVE BISHOP
19	TENNESSEE - DECATUR TO FLORENCE
21	SHOAL CREEK - ABOVE IRON CITY
22	ELK - FAYETTEVILLE TO PROSPECT
23	ELK - ABOVE FAYETTEVILLE
26	TENNESSEE - GUNTERSVILLE TO DECATUR
27	FLINT - ABOVE CHASE
28	PAINT ROCK - ABOVE WOODVILLE
30	TENNESSEE - HALES BAR TO GUNTERSVILLE
33	SEQUATCHIE - ABOVE WHITWELL
34	TENNESSEE - CHICKAMAUGA TO HALES BAR
39	TENNESSEE - WATTS BAR TO CHICKAMAUGA
40	HIWASSEE - RELIANCE AND OCOEE NO 1 TO CHARLESTON

AREA NO.	AREA
41	OCOEE - BLUE RIDGE TO OCOEE NO 1
46	TOCCOA - ABOVE BLUE RIDGE
48	HIWASSEE - HIWASSEE DAM TO RELIANCE
49	HIWASSEE - MURPHY, NOTTELY DAM AND TOMOTLA TO HIWASSEE DAM
52	NOTTELY - ABOVE NOTTELY DAM
53A	HIWASSEE - CHATUGE DAM TO MURPHY
54A	HIWASSEE - ABOVE CHATUGE DAM
55	VALLEY - ABOVE TOMOTLA
57	TENNESSEE AND CLINCH - FORT LOUDOUN TO WATTS BAR AND KINGSTON TO NORRIS DAM
59	EMORY - ABOVE OAKDALE
62	CLINCH - ARTHUR AND TAZEWELL TO NORRIS
63	POWELL - ABOVE ARTHUR
65	CLINCH - ABOVE TAZEWELL
67	TENNESSEE - KNOXVILLE TO FORT LOUDOUN
69	LITTLE TENNESSEE - CALDERWOOD TO McGHEE
70	LITTLE TENNESSEE - FONTANA AND SANTEETLAH TO CALDERWOOD
71	CHEOAH - ABOVE SANTEETLAH

AREA NO.	AREA
72	LITTLE TENNESSEE - BRYSON, JUDSON TO FONTANA DAM
73	TUCKASEGEE - DILLSBORO TO BRYSON
74	TUCKASEGEE - ABOVE DILLSBORO
76	LITTLE TENNESSEE - ABOVE JUDSON
77	NANTAHALA - ABOVE ALMOND
84	FRENCH BROAD AND HOLSTON - DOUGLAS AND CHEROKEE TO KNOXVILLE
87	HOLSTON - GATE CITY AND KINGSPORT TO CHEROKEE DAM
88	NORTH FORK OF HOLSTON ABOVE GATE CITY
89	SOUTH FORK OF HOLSTON - SOUTH HOLSTON DAM AND WATAUGA DAM TO KINGSPORT
92	SOUTH FORK OF HOLSTON - ABOVE SOUTH HOLSTON DAM
93	WATAUGA - ABOVE WATAUGA DAM
99	FRENCH BROAD - HARTFORD, NEWPORT AND BENT CREEK TO DOUGLAS DAM
101	PIGEON - CANTON TO HARTFORD
105	PIGEON - ABOVE CANTON
106	FRENCH BROAD - ASHEVILLE TO NEWPORT
110	FRENCH BROAD - BENT CREEK TO ASHEVILLE
114	FRENCH BROAD - BLANTYRE TO BENT CREEK
117	FRENCH BROAD - ABOVE BLANTYRE
120	NOLICHUCKY - EMBREEVILLE TO BENT CREEK
121	NOLICHUCKY - ABOVE EMBREEVILLE
125	CANEY FORK - ABOVE GREAT FALLS DAM

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

AVERAGE PRECIPITATION
ON
WATERSHED SUBDIVISIONS
YEAR 1943

SCALE 10 0 10 20 30 40 MILES

AVERAGE PRECIPITATION OVER WATERSHED SUBDIVISIONS

1943 MONTHLY AND ANNUAL

Subdivision		Average Precipitation--Inches												
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Entire Tennessee River Basin	1943 Average	2.64	3.12	6.21	3.65	3.55	3.47	5.01	2.76	4.87	1.57	2.07	3.06	41.98
	7 Yr. Average	4.82	4.26	4.75	3.93	3.56	4.22	5.58	4.73	2.44	2.41	2.64	3.96	47.30
Area Above Hales Bar	1943 Average	3.53	3.59	5.80	3.79	3.59	4.27	6.66	2.64	3.60	2.13	1.79	2.81	44.20
	7 Yr. Average	4.41	4.12	4.54	3.64	3.59	4.45	6.52	5.12	2.41	2.40	2.32	3.87	47.39
Area Below Hales Bar	1943 Average	1.62	2.58	6.67	3.50	3.50	2.55	3.12	2.89	6.31	0.93	2.39	3.34	39.40
	7 Yr. Average	5.30	4.42	5.01	4.25	3.51	3.95	4.51	4.28	2.48	2.42	3.00	4.05	47.18
French Broad Above Newport	1943 Average	4.79	2.89	5.52	3.63	4.62	6.58	6.88	2.84	2.81	1.35	1.93	2.60	46.44
	7 Yr. Average	4.11	3.81	4.15	3.18	3.80	4.66	6.81	6.34	2.70	2.31	2.30	3.70	47.87
French Broad Above Douglas Dam	1943 Average	3.98	3.40	5.18	3.40	4.31	5.63	6.43	2.76	2.91	1.60	1.76	2.60	43.96
	7 Yr. Average	3.93	3.69	4.03	3.12	3.58	4.39	6.81	5.61	2.59	2.29	2.21	3.46	45.71
Holston Above Cherokee Dam	1943 Average	2.99	3.22	4.37	2.71	4.01	3.98	4.90	2.46	3.32	1.75	1.87	3.07	38.65
	7 Yr. Average	3.52	3.23	3.51	2.75	3.46	4.31	6.26	4.59	2.58	2.42	2.03	3.02	41.68
Holston and French Broad Above Knoxville	1943 Average	3.52	3.47	4.93	3.15	4.10	4.82	6.02	2.66	3.10	1.73	1.78	2.77	42.05
	7 Yr. Average	3.80	3.57	3.88	3.03	3.53	4.32	6.56	5.13	2.56	2.35	2.14	3.30	44.17
Little Tennessee Above McGhee	1943 Average	5.15	4.21	7.27	4.10	4.22	5.04	9.58	2.89	3.96	2.05	1.75	3.00	53.22
	7 Yr. Average	5.52	4.94	5.62	4.23	4.09	4.85	7.65	6.12	2.64	2.46	2.75	4.54	55.41
Clinch Above Norris Dam	1943 Average	3.07	2.98	5.21	3.72	3.23	4.26	5.17	2.55	2.73	2.59	1.86	2.47	39.84
	7 Yr. Average	4.09	3.62	4.08	3.34	3.21	4.57	6.08	4.46	2.19	2.49	2.10	3.21	43.44
Hiwassee Above Charleston	1943 Average	4.58	3.74	7.72	3.90	3.45	4.00	8.42	2.78	4.83	2.30	1.54	3.43	50.69
	7 Yr. Average	5.15	4.76	5.65	4.43	3.75	4.85	7.05	5.60	2.40	2.36	2.64	4.72	53.36
Hiwassee Above Hiwassee Dam	1943 Average	5.81	3.72	7.90	4.00	3.75	4.96	8.93	2.44	4.70	2.01	1.76	3.68	53.66
	7 Yr. Average	5.29	4.90	5.78	4.55	3.87	5.26	7.43	5.86	2.69	2.39	2.72	4.76	55.50

Note: 7 Year Averages Based on 1937-1943 Averages.

PRECIPITATION STATISTICS - SELECTED STATIONS*

Month	Mean Rainfall	Median Rainfall	Maximum Rainfall		Minimum Rainfall		1943 Rainfall
			Amount	Date	Amount	Date	
Elizabethton, Tennessee							
January	3.36	3.32	7.00	1937	0.46	1896	3.21
February	3.22	3.18	6.63	1897	0.48	1906	2.93
March	4.27	3.98	10.72	1899	1.37	1937	5.52
April	3.32	3.15	6.05	1912	0.65	1942	2.38
May	4.16	4.00	7.73	1915	1.08	1941	4.06
June	5.07	4.64	16.38	1872	1.73	1931	4.10
July	5.23	4.72	10.56	1896	1.10	1872	6.33
August	4.48	4.08	12.14	1901	0.89	1896	2.26
September	2.92	2.72	7.61	1928	0.30	1903	2.83
October	2.57	2.08	7.61	1918	0.02	1904	1.48
November	2.15	2.00	4.86	1938	0.61	1931	2.00
December	3.35	2.86	9.87	1872	0.80	1935	3.63
Annual	44.10	44.46	58.91	1928	29.06	1941	40.73
Hendersonville, North Carolina							
January	4.84	4.34	12.40	1906	0.39	1907	6.30
February	4.59	4.19	10.73	1891	0.70	1898	2.93
March	5.27	5.02	11.67	1891	1.10	1937	5.90
April	4.29	4.18	9.38	1920	0.43	1915	4.35
May	4.76	4.30	12.70	1942	0.95	1914	4.76
June	5.42	5.08	11.56	1934	0.96	1911	11.19
July	6.35	5.92	22.09	1916	1.29	1930	8.09
August	6.16	5.24	26.58	1901	0.49	1925	0.70
September	4.46	3.98	14.00	1906	0.22	1919	4.13
October	4.16	3.40	14.59	1918	0.01	1904	1.05
November	3.19	2.92	8.27	1914	0.21	1910	4.20
December	5.43	5.02	12.85	1918	1.13	1928	2.95
Annual	58.92	58.48	92.60	1901	32.55	1925	56.55
Knoxville, Tennessee							
January	4.49	3.92	16.98	1882	1.29	1907	2.07
February	4.60	4.28	12.52	1873	0.56	1898	5.75
March	5.18	4.54	13.35	1917	0.72	1910	4.44
April	4.36	3.98	17.32	1874	0.70	1942	3.69
May	3.78	3.81	8.81	1938	0.71	1941	3.01
June	4.25	4.10	11.83	1928	1.39	1936	4.98
July	4.58	3.93	13.16	1917	0.69	1901	10.07
August	4.03	3.84	11.33	1920	1.25	1896	3.34
September	2.76	2.43	8.04	1902	0.22	1879	2.95
October	2.57	2.12	9.51	1925	0.07	1904	2.83
November	3.13	2.96	8.55	1929	0.17	1890	1.69
December	4.34	3.61	12.34	1901	0.95	1896	2.42
Annual	48.07	47.40	73.87	1875	33.67	1930	47.24

*Precipitation in inches.

(Continued on next page)

PRECIPITATION STATISTICS - SELECTED STATIONS*

(Continued from preceding page)

Murphy, North Carolina

Month	Mean Rainfall	Median Rainfall	Maximum Rainfall		Minimum Rainfall		1943 Rainfall
			Amount	Date	Amount	Date	
January	5.54	4.75	14.85	1882	1.75	1907	6.86
February	5.48	4.92	15.10	1873	0.56	1906	3.35
March	6.23	5.80	15.34	1917	2.09	1918	7.41
April	4.77	4.50	15.40	1874	0.30	1915	3.52
May	4.00	3.43	11.25	1929	0.46	1941	3.70
June	5.10	5.25	9.31	1884	1.53	1936	3.32
July	5.72	5.50	11.28	1910	1.23	1901	9.92
August	5.23	4.80	13.96	1920	1.18	1918	2.76
September	3.19	3.36	7.43	1906	0.20	1876	4.66
October	3.05	2.58	7.50	1925	T	1904	2.16
November	3.65	3.15	10.03	1929	0.51	1924	1.47
December	5.28	4.80	12.98	1932	1.09	1898	3.31
Annual	57.24	55.81	84.80	1875	40.00	1940	52.44

Chattanooga, Tennessee

Month	Mean Rainfall	Median Rainfall	Maximum Rainfall		Minimum Rainfall		1943 Rainfall
			Amount	Date	Amount	Date	
January	5.03	4.70	14.74	1882	1.33	1907	2.11
February	4.82	4.56	12.30	1939	0.68	1898	3.02
March	5.91	5.21	14.05	1899	0.93	1910	8.01
April	4.74	4.18	15.29	1911	0.44	1942	4.92
May	3.93	3.95	12.00	1929	0.37	1941	1.52
June	4.12	4.10	9.20	1884	0.29	1931	4.10
July	4.53	4.47	13.49	1916	0.67	1902	8.93
August	4.04	3.33	12.36	1920	0.45	1929	3.24
September	2.89	2.36	7.87	1889	0.04	1919	4.69
October	2.96	2.51	11.91	1925	0.08	1938	1.96
November	3.39	2.96	11.60	1929	0.16	1890	1.32
December	5.11	4.49	12.63	1942	0.44	1889	3.18
Annual	51.47	51.18	72.37	1929	32.68	1904	47.00

Lewisburg, Tennessee

Month	Mean Rainfall	Median Rainfall	Maximum Rainfall		Minimum Rainfall		1943 Rainfall
			Amount	Date	Amount	Date	
January	4.81	4.46	13.14	1937	1.26	1943	1.26
February	4.59	4.51	13.14	1939	1.08	1941	3.32
March	5.89	5.58	12.50	1902	0.94	1910	5.68
April	4.48	4.54	12.60	1912	0.56	1915	5.24
May	3.95	3.51	8.50	1933	0.60	1941	2.75
June	4.28	3.67	13.46	1900	0.72	1899	2.91
July	4.53	4.02	9.85	1941	1.55	1930	5.74
August	4.33	3.62	11.40	1923	0.57	1909	2.01
September	2.96	2.96	8.87	1906	0.32	1927	7.41
October	3.09	2.56	8.88	1919	0.05	1924	1.14
November	3.44	3.10	7.22	1915	0.90	1890	1.62
December	4.84	4.20	11.71	1922	1.01	1928	3.02
Annual	51.19	51.10	64.40	1937	37.42	1904	42.10

*Precipitation in inches.

(Continued on next page)

PRECIPITATION STATISTICS - SELECTED STATIONS*

(Continued from preceding page)

			Maximum Rainfall		Minimum Rainfall		
Month	Mean Rainfall	Median Rainfall	Amount	Date	Amount	Date	1943 Rainfall
			Muscle Shoals, Alabama				
January	4.84	4.61	12.25	1937	1.98	1914	2.60
February	4.80	4.62	12.74	1939	0.54	1941	1.72
March	5.82	5.28	16.15	1897	1.26	1910	5.33
April	4.60	3.99	16.07	1892	0.74	1930	1.30
May	4.07	4.10	11.29	1939	0.16	1941	2.88
June	4.35	4.05	13.87	1900	0.60	1897	1.96
July	4.60	3.77	14.60	1916	0.77	1935	3.18
August	4.00	3.30	10.60	1894	0.70	1899	2.85
September	3.10	2.72	7.87	1890	0.00	1897	3.82
October	2.79	2.14	11.05	1918	0.00	1924	0.33
November	3.37	3.28	7.38	1919	0.27	1890	1.66
December	4.82	4.22	14.59	1926	1.10	1889	3.29
Annual	51.16	50.76	76.21	1932	30.92	1943	30.92
			Johnsonville, Tennessee				
January	5.35	4.07	23.51	1937	0.66	1943	0.66
February	4.06	3.68	9.56	1939	0.92	1895	1.98
March	5.14	5.10	13.07	1927	0.59	1910	7.74
April	4.77	4.22	12.29	1892	0.53	1887	3.08
May	4.29	3.40	10.19	1909	0.70	1891	6.11
June	4.20	3.62	13.34	1928	0.37	1930	2.96
July	4.12	4.08	10.12	1892	0.06	1890	0.80
August	3.90	2.90	13.70	1914	0.73	1900	2.00
September	3.44	3.18	11.31	1921	0.00	1897	4.83
October	2.97	2.58	11.44	1919	T	1924	0.50
November	3.92	3.43	11.90	1906	0.80	1910	3.86
December	4.52	3.81	14.66	1926	0.05	1889	3.38
Annual	50.68	49.72	75.80	1919	33.97	1941	37.90

*Precipitation in inches.

Note: Before December 1940 the Muscle Shoals, Alabama, station was at Florence, Alabama.

INTENSE RAINFALL--1943

Records of intense rainfall at recording and non-recording stations appear in the monthly issues of this bulletin. The following table shows the maximum rate of rainfall for each time interval and for each class of gage. In the case of recording gages, the second largest is also given.

Station No.	Station Name	Date of Record	Duration (Hours)	Rainfall (Inches)
	Recording Stations			
275	Bent Creek, N. C.	July 10	1	3.19
43	Belgreen, Ala.	May 21	1	3.10
275	Bent Creek, N. C.	July 10	2	4.09
43	Belgreen, Ala.	May 21	2	3.97
275	Bent Creek, N. C.	July 10	3	4.36
43	Belgreen, Ala.	May 21	3	4.11
275	Bent Creek, N. C.	July 10	6	4.62
43	Belgreen, Ala.	May 21	6	4.20
275	Bent Creek, N. C.	July 10	12	4.88
43	Belgreen, Ala.	May 21	12	4.20
275	Bent Creek, N. C.	July 10	24	4.88
283	Cedar Mountain, N. C.	Apr. 18-19	24	4.63
	Non-Recording Stations			
299a	Banner Elk, N. C.	July 9	0.28	1.01
348	Clinchport, Va.	June 11	0.42	1.18
108	Patterson Gap, Ga.	July 8	0.50	1.40
94	Georgetown, Tenn.	May 21	0.67	1.27
351	Cleveland, Va.	June 8	0.75	1.73
430	Ooltewah, Tenn.	Aug. 6	0.75	3.00
493	Red Bay, Ala.	May 21	1.00	2.95
191	Owen's Gap, N. C.	Aug. 12	1.08	3.14
230	Tipton Hill, N. C.	July 26	2.00	3.40
174	Tellico Plains, Tenn.	June 30	3.00	3.60
58	Fayetteville, Tenn.	July 13	5.00	4.75
1	Paducah, Ky.	May 11	8.00	5.65
245	Mt. Sterling, N. C.	May 21	10.08	3.66
85	Lockhart Tower, Tenn.	July 26-27	11.50	4.70
459	Pleasantville, Tenn.	Aug. 17	12.50	4.10
566	Chickamauga Park, Tenn.	July 26-27	*	6.70

* Occurred in 24 hours or less, exact duration unknown.

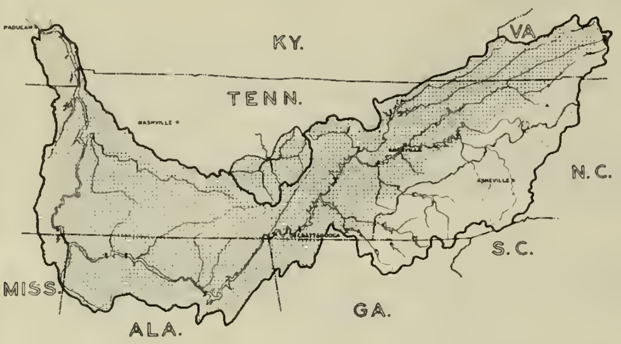
ANNUAL STREAM FLOW IN INCHES--1943

	Water Year		Calendar Year	
	Actual	Mean	Actual	Mean
Knoxville	20.28	19.64	16.96	19.63
Chattanooga	24.42	23.82	20.12	23.77

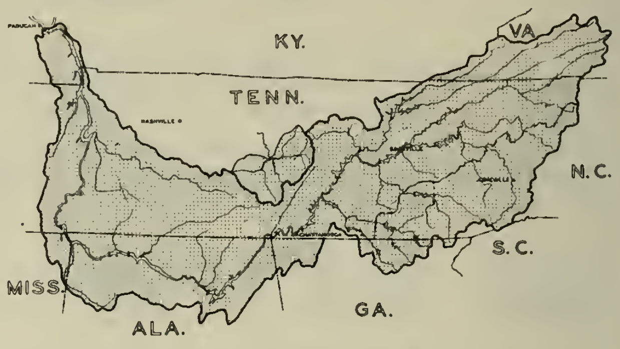
TVA EVAPORATION STATION DATA--YEAR 1943

	Stations	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Evaporation (Inches)	Murray, Ky.	See Footnote								3.84	3.17	1.77	0.94	--
	Savannah, Tenn.	1.00	1.88	2.76	4.10	5.79	7.46	7.81	--	--	--	--	--	--
	Murphy, N. C.	1.13	1.58	2.62	4.29	6.03	6.32	5.62	5.19	4.16	2.68	1.70	1.13	42.45
	Beetree Dam, N. C.	0.82	1.62	1.88	3.99	5.15	5.86	4.86	5.66	4.66	3.30	2.37	1.13	41.30
	Jefferson City, Tenn.	1.14	1.96	3.05	4.70	6.01	6.54	5.17	5.99	4.23	2.89	1.96	0.81	44.45
Precipitation (Inches)	Murray, Ky.	See Footnote								2.89	0.95	3.57	2.66	--
	Savannah, Tenn.	2.19	2.88	6.88	1.97	2.27	1.99	2.53	--	--	--	--	--	--
	Murphy, N. C.	5.63	3.51	7.87	3.73	3.92	3.17	10.12	2.81	5.14	2.14	1.55	3.80	53.39
	Beetree Dam, N. C.	4.46	2.81	4.63	3.32	4.25	7.19	8.56	2.49	2.24	1.05	2.09	2.18	45.27
	Jefferson City, Tenn.	2.06	5.01	3.95	4.40	3.06	2.47	5.86	5.36	2.91	2.00	2.63	2.77	42.48
Average Air Temperature (Degrees F)	Murray, Ky.	See Footnote								64	57	47	38	--
	Savannah, Tenn.	41	44	45	57	69	79	82	--	--	--	--	--	--
	Murphy, N. C.	40	38	45	54	67	76	75	76	65	54	41	37	56
	Beetree Dam, N. C.	40	39	43	51	63	71	69	71	62	52	43	39	54
	Jefferson City, Tenn.	40	40	45	52	65	74	73	74	65	54	46	36	55
Average Water Temperature (Degrees F)	Murray, Ky.	See Footnote								67	60	49	38	--
	Savannah, Tenn.	44	47	51	59	75	86	86	--	--	--	--	--	--
	Murphy, N. C.	46	46	53	60	73	83	83	83	71	57	47	41	62
	Beetree Dam, N. C.	42	40	46	52	64	75	76	78	67	54	43	38	56
	Jefferson City, Tenn.	44	44	51	56	73	84	83	84	72	58	48	40	61
Average Relative Humidity (Percent)	Murray, Ky.	See Footnote								71	66	65	NR	--
	Savannah, Tenn.	77	66	67	62	71	72	72	--	--	--	--	--	--
	Murphy, N. C.	80	74	70	65	68	74	80	80	82	81	74	77	75
	Beetree Dam, N. C.	72	59	67	63	74	84	90	85	77	72	60	70	73
	Jefferson City, Tenn.	69	55	59	73	79	82	85	81	75	75	69	72	73
Average Wind Velocity (Miles per Hour)	Murray, Ky.	See Footnote								0.71	1.00	1.25	0.90	--
	Savannah, Tenn.	0.93	1.16	1.05	0.73	0.54	0.25	0.24	--	--	--	--	--	--
	Murphy, N. C.	0.49	0.84	0.92	0.99	0.63	0.19	0.10	0.07	0.28	0.39	0.48	0.54	0.49
	Beetree Dam, N. C.	1.16	1.88	1.70	2.48	1.48	0.68	0.64	0.64	0.93	1.19	1.40	1.49	1.31
	Jefferson City, Tenn.	1.47	2.22	1.83	2.82	1.43	0.57	0.20	0.01	0.54	1.02	1.35	1.27	1.23

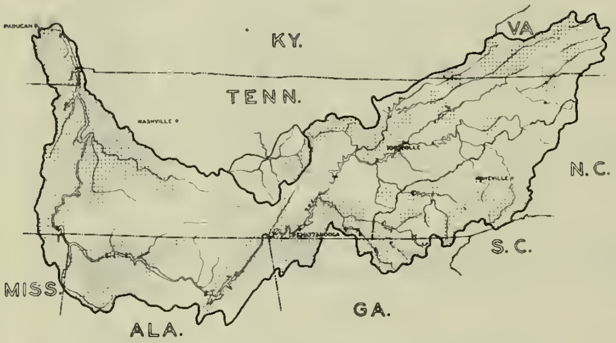
Evaporation station moved from Savannah, Tennessee, to Murray, Kentucky, on August 11, 1943.



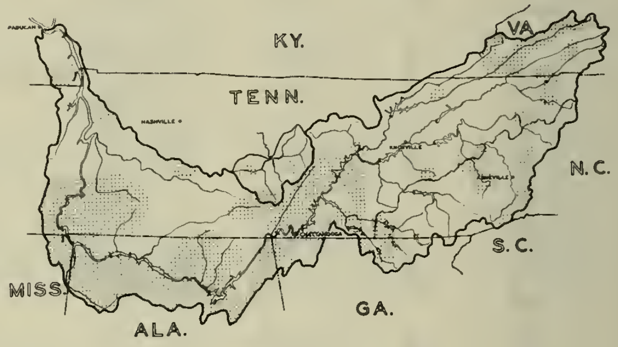
JANUARY 1 TO 31



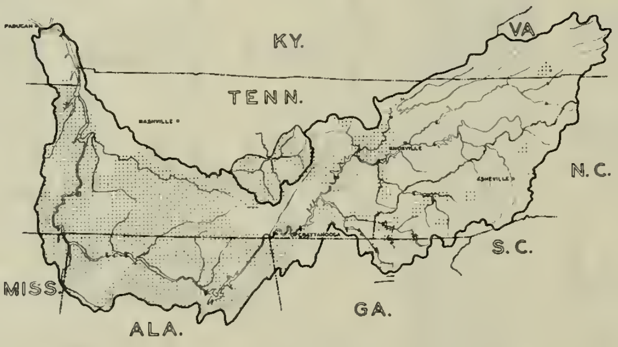
FEBRUARY 1 TO MARCH 15



MARCH 16 TO APRIL 15



APRIL 16 TO MAY 15



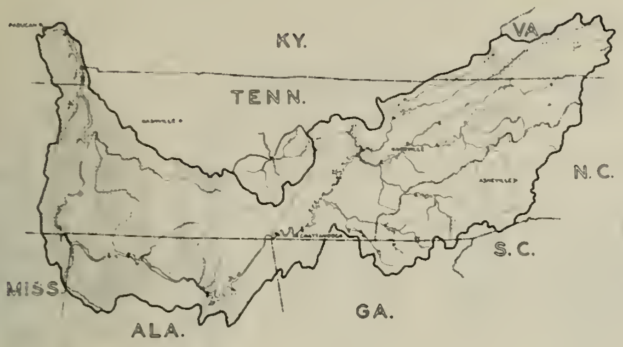
MAY 16 TO JUNE 30

SYMBOLS:

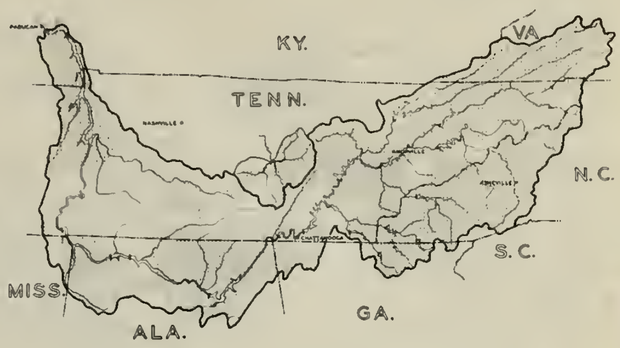
☐ Areas in drought 50 percent or more of period.
Drought is 21 or more consecutive days with not more than one third of normal rainfall.

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION

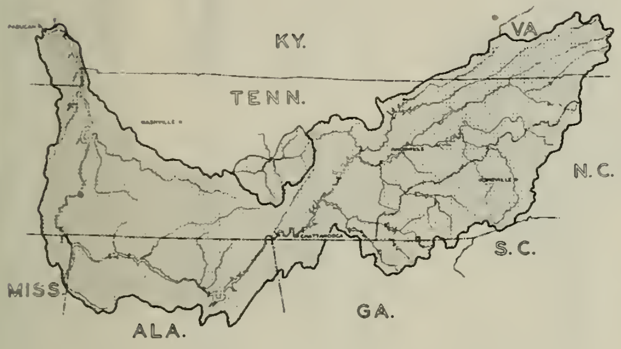
TENNESSEE RIVER BASIN
DROUGHT AREAS
JANUARY TO JUNE 1943



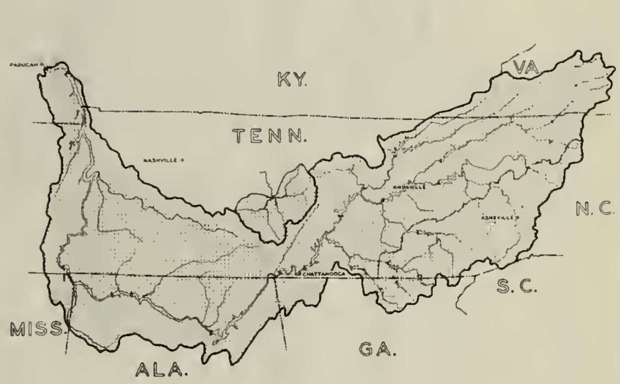
JULY 1 TO 31



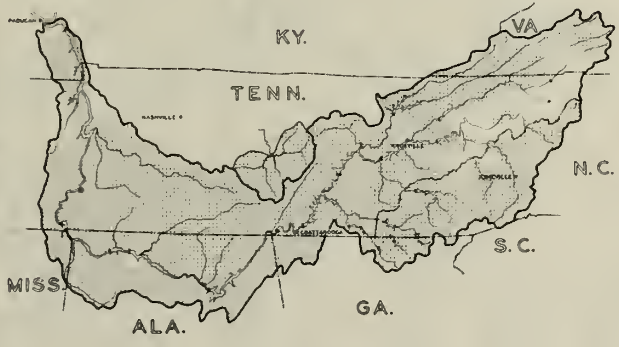
AUGUST 1 TO SEPTEMBER 20



SEPTEMBER 21 TO OCTOBER 31



NOVEMBER 1 TO 30



DECEMBER 1 TO 31

SYMBOLS:

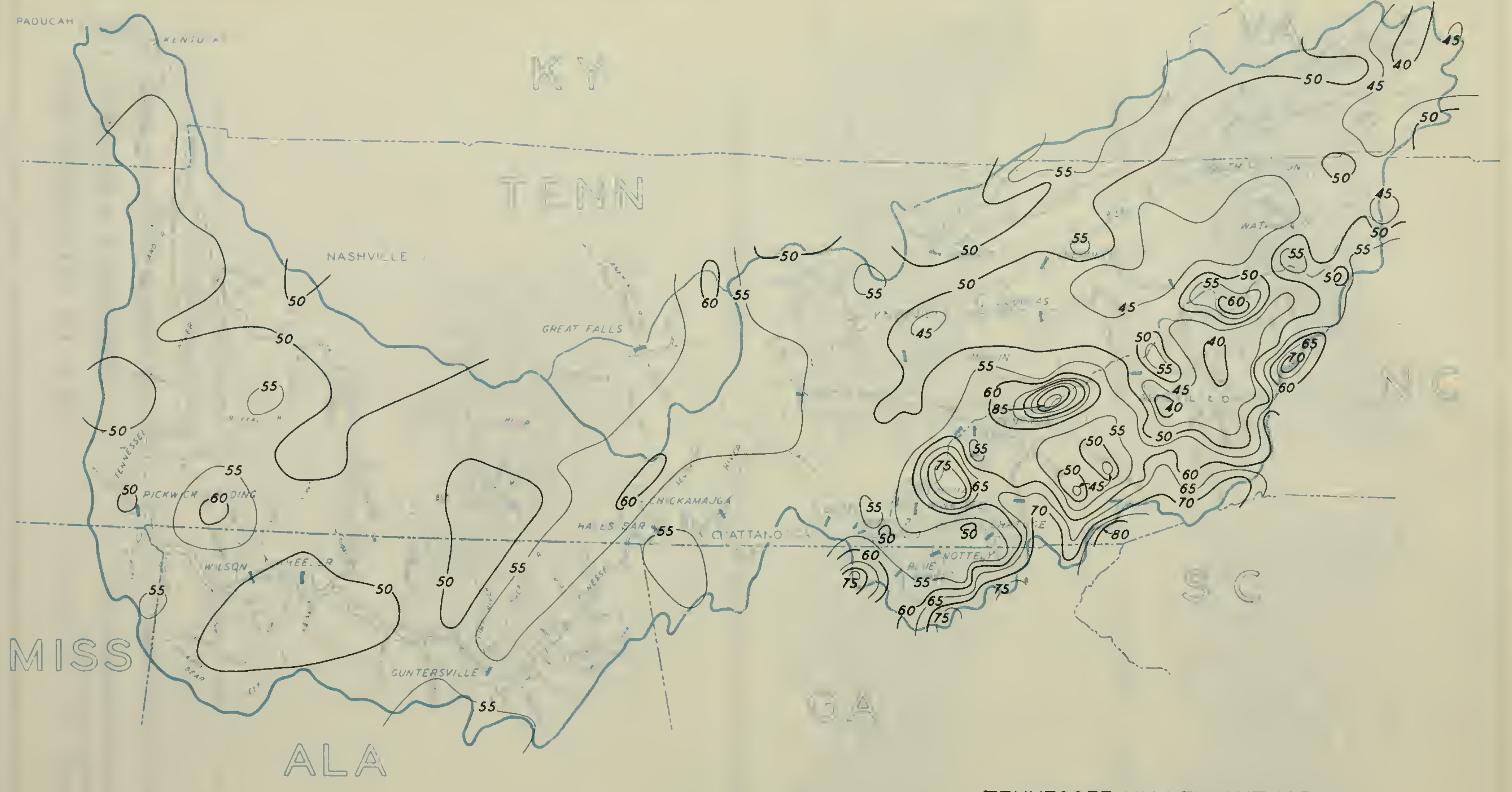
☐ Areas in drought 50 percent or more of period.
Drought is 21 or more consecutive days with not more than one third of normal rainfall.

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION

TENNESSEE RIVER BASIN

DROUGHT AREAS

JULY TO DECEMBER 1943



LEGEND
—50— RAINFALL IN INCHES
—·—·— STATE LINES
■ DAMS
▭ DAMS UNDER CONSTRUCTION

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

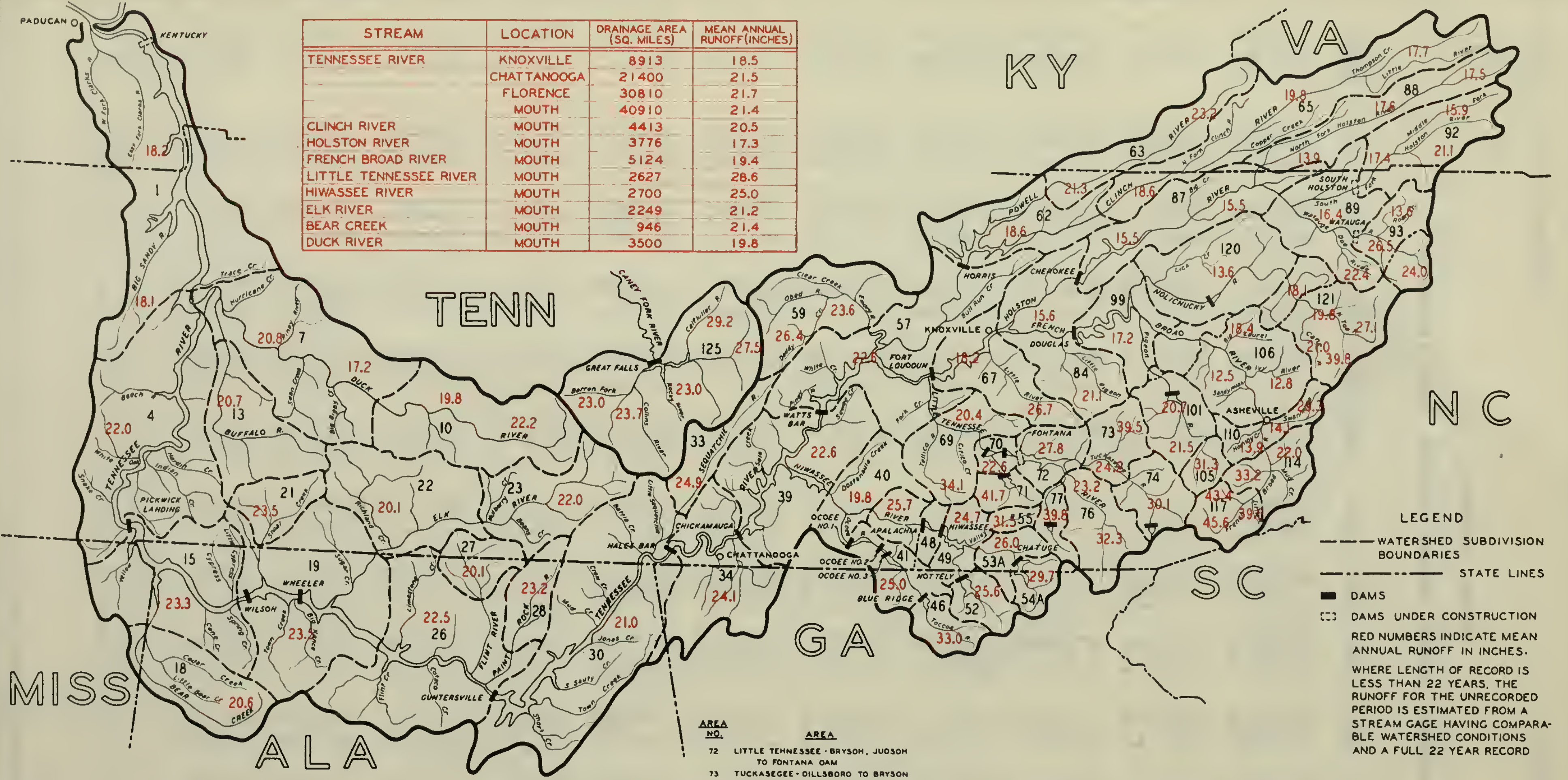
TENNESSEE RIVER BASIN
MEAN ANNUAL RAINFALL

SCALE 10 0 10 20 30 40 50 MILES

MEAN RAINFALL

TENNESSEE RIVER BASIN ABOVE CHATTANOOGA

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1890	3.96	8.37	5.47	4.35	5.57	2.90	5.34	5.42	5.57	4.41	0.44	4.33	56.13
1891	5.20	9.69	8.61	2.22	2.53	5.08	4.56	5.21	1.77	0.89	3.82	4.43	54.01
1892	7.04	2.87	3.65	7.34	3.80	6.36	4.92	3.83	2.30	0.41	5.89	3.09	51.50
1893	2.54	7.21	2.80	4.30	6.53	5.04	3.73	3.58	3.72	2.49	2.11	2.67	46.72
1894	3.68	5.97	2.52	2.69	3.81	3.51	4.31	4.20	1.85	2.11	1.01	5.68	41.34
1895	6.96	2.15	5.16	4.21	4.65	3.55	6.10	4.89	1.47	1.90	2.27	3.41	46.72
1896	1.99	4.50	5.54	2.92	3.35	5.32	9.53	2.42	3.71	1.64	6.30	1.06	48.28
1897	2.90	6.50	10.09	5.33	3.77	4.49	6.04	3.50	0.77	2.09	2.06	5.13	52.67
1898	6.17	0.96	4.80	4.02	2.96	3.56	6.81	6.57	5.71	6.13	3.23	2.46	53.38
1899	3.81	7.78	11.04	3.54	4.01	4.05	4.71	3.06	2.64	2.48	1.87	4.10	53.09
1900	3.12	6.13	5.25	4.05	2.09	7.36	4.45	2.75	3.81	3.36	5.02	3.60	50.99
1901	4.54	1.61	5.80	6.33	6.46	5.59	2.90	13.33	3.51	1.46	1.30	9.98	62.81
1902	3.74	5.21	6.02	2.03	2.61	5.75	2.73	2.67	5.14	2.21	3.80	4.13	46.04
1903	2.81	9.24	7.88	6.24	2.87	5.42	4.56	4.14	1.04	2.47	3.63	2.33	52.63
1904	2.89	3.35	6.06	2.70	3.60	3.73	3.72	4.60	1.41	0.17	3.42	4.68	40.33
1905	3.65	5.50	3.27	3.70	5.51	4.94	6.22	6.19	1.58	4.06	1.13	6.19	51.94
1906	5.90	1.30	5.15	2.76	3.33	5.81	8.99	5.78	6.48	3.75	4.36	4.57	58.18
1907	1.42	3.43	4.34	4.33	4.22	5.75	4.58	4.06	6.91	1.67	5.60	4.76	51.07
1908	4.23	4.52	4.48	4.79	3.76	3.24	5.79	5.86	2.00	4.36	1.96	6.31	51.30
1909	3.51	6.39	6.86	4.75	6.44	8.67	6.05	3.81	3.88	2.95	0.94	3.77	58.02
1910	3.93	3.88	1.37	3.59	6.59	5.79	6.51	4.75	3.26	2.15	1.43	4.44	47.69
1911	4.84	3.84	4.51	7.49	1.70	3.32	4.54	4.01	3.08	4.77	4.04	5.17	51.31
1912	3.36	4.01	7.63	7.35	4.32	4.78	5.59	3.73	4.11	1.80	1.90	4.77	53.35
1913	6.57	4.47	7.77	2.40	5.39	3.21	3.49	3.33	4.11	2.65	1.46	3.58	48.43
1914	2.31	3.77	4.25	4.44	1.42	3.14	5.37	5.15	1.99	4.67	2.91	8.16	47.58
1915	5.01	3.99	2.75	1.53	5.13	5.03	4.84	5.37	4.26	4.28	4.11	6.92	53.22
1916	4.97	4.35	2.79	2.45	4.27	5.47	11.07	4.97	2.48	3.02	2.38	3.70	51.92
1917	6.10	4.55	11.40	3.10	2.71	4.44	7.21	4.57	3.95	2.81	0.64	1.71	53.19
1918	6.90	2.66	2.67	5.24	4.15	5.26	4.29	3.18	3.39	8.37	2.31	5.07	53.49
1919	5.66	3.50	4.91	3.33	4.92	4.87	3.81	4.18	1.04	5.64	2.45	4.25	48.56
1920	4.44	3.75	6.61	7.13	2.85	5.46	4.50	9.80	4.34	0.90	3.76	6.06	59.60
1921	3.89	5.17	2.70	4.56	3.69	3.55	6.40	5.46	3.23	2.06	5.21	2.98	48.90
1922	5.45	4.52	8.16	4.96	4.48	4.62	5.53	3.31	1.48	2.48	1.34	7.50	53.83
1923	5.41	4.51	6.18	4.35	6.53	4.78	5.08	4.56	2.76	1.06	2.97	4.66	52.85
1924	5.96	4.02	3.81	5.82	4.88	3.55	5.22	2.85	6.56	0.88	1.28	6.66	51.49
1925	4.90	2.77	2.18	3.17	2.18	3.15	2.80	1.25	1.58	7.08	4.17	2.00	37.23
1926	4.83	3.55	4.09	2.82	2.82	4.18	4.66	6.09	2.61	3.06	5.11	8.75	52.57
1927	2.26	5.16	4.51	4.24	4.40	4.97	4.97	4.84	1.46	2.40	3.94	7.39	50.54
1928	2.46	2.02	5.33	5.40	5.55	7.95	4.71	6.65	5.75	4.41	2.56	1.53	54.32
1929	4.37	5.44	7.71	4.15	7.95	5.49	5.07	1.83	6.42	3.63	6.96	2.65	61.67
1930	2.42	2.69	4.22	1.93	4.73	2.42	2.69	3.17	4.30	2.05	3.67	3.03	37.32
1931	2.02	2.87	3.33	5.24	3.96	2.05	6.20	4.76	1.89	1.59	1.81	8.57	44.29
1932	5.83	5.72	5.01	3.83	3.43	5.17	3.96	3.74	2.96	6.52	3.89	8.93	58.99
1933	3.08	5.96	3.86	3.65	6.15	2.24	5.40	5.45	2.48	1.31	1.59	3.22	44.39
1934	3.38	3.51	8.19	3.41	3.04	5.09	5.41	6.55	3.30	3.79	3.82	2.53	52.02
1935	4.30	3.87	6.95	4.99	4.38	3.53	4.86	4.15	1.47	2.40	5.76	2.12	48.78
1936	8.74	4.70	6.57	6.04	1.30	1.73	6.29	4.47	4.56	4.36	1.74	6.52	57.02
1937	10.31	4.77	2.08	4.29	3.49	3.80	4.70	6.09	2.44	6.15	1.26	3.27	52.65
1938	4.25	2.28	5.56	5.24	6.37	5.25	8.02	4.15	2.88	0.33	4.62	2.58	51.53
1939	4.68	8.91	4.40	3.77	2.64	4.27	5.03	3.86	1.49	1.02	1.22	2.94	44.23
1940	2.17	4.44	4.61	4.05	2.88	4.83	5.18	7.85	0.90	2.14	2.56	3.15	44.76
1941	2.49	1.02	4.02	3.41	0.80	4.24	9.34	3.80	1.46	2.52	2.57	3.52	39.19
1942	3.42	3.86	5.29	0.95	5.39	4.47	6.70	7.47	4.09	2.53	2.24	8.85	55.26
1943	3.53	3.59	5.80	3.79	3.59	4.27	6.66	2.64	3.60	2.13	1.79	2.81	44.20
Mean	4.34	4.46	5.30	4.16	4.07	4.56	5.41	4.70	3.17	2.93	2.96	4.57	50.63
Median	4.10	4.18	5.08	4.10	3.88	4.70	5.08	4.34	3.02	2.48	2.56	4.19	51.52



STREAM	LOCATION	DRAINAGE AREA (SQ. MILES)	MEAN ANNUAL RUNOFF (INCHES)
TENNESSEE RIVER	KNOXVILLE	8913	18.5
	CHATTANOOGA	21400	21.5
	FLORENCE	30810	21.7
	MOUTH	40910	21.4
CLINCH RIVER	MOUTH	4413	20.5
HOLSTON RIVER	MOUTH	3776	17.3
FRENCH BROAD RIVER	MOUTH	5124	19.4
LITTLE TENNESSEE RIVER	MOUTH	2627	28.6
HIWASSEE RIVER	MOUTH	2700	25.0
ELK RIVER	MOUTH	2249	21.2
BEAR CREEK	MOUTH	946	21.4
DUCK RIVER	MOUTH	3500	19.8

LEGEND

- - - - WATERSHED SUBDIVISION BOUNDARIES
— · — · — STATE LINES
▬ DAMS
▭ DAMS UNDER CONSTRUCTION

RED NUMBERS INDICATE MEAN ANNUAL RUNOFF IN INCHES.

WHERE LENGTH OF RECORD IS LESS THAN 22 YEARS, THE RUNOFF FOR THE UNRECORDED PERIOD IS ESTIMATED FROM A STREAM GAGE HAVING COMPARABLE WATERSHED CONDITIONS AND A FULL 22 YEAR RECORD

AREA NO.	AREA
1	TENNESSEE - JOHNSONVILLE TO MOUTH
4	TENNESSEE - PICKWICK TO JOHNSONVILLE
7	DUCK - COLUMBIA TO MOUTH
10	DUCK - ABOVE COLUMBIA
13	BUFFALO - ABOVE LOBELVILLE
15	TENNESSEE - FLORENCE TO PICKWICK
18	BEAR CREEK - ABOVE BISHOP
19	TENNESSEE - DECATUR TO FLORENCE
21	SHOAL CREEK - ABOVE IRON CITY
22	ELK - FAYETTEVILLE TO PROSPECT
23	ELK - ABOVE FAYETTEVILLE
26	TENNESSEE - GUNTERSVILLE TO DECATUR
27	FLINT - ABOVE CHASE
28	PAINT ROCK - ABOVE WOODVILLE
30	TENNESSEE - HALES BAR TO GUNTERSVILLE
33	SEQUATCHIE - ABOVE WHITWELL
34	TENNESSEE - CHICKAMAUGA TO HALES BAR
39	TENNESSEE - WATTS BAR TO CHICKAMAUGA
40	HIWASSEE - RELIANCE AND OCOEE NO. 1 TO CHARLESTON

AREA NO.	AREA
41	OCOEE - BLUE RIDGE TO OCOEE NO 1
46	TOCCOA - ABOVE BLUE RIDGE
48	HIWASSEE - HIWASSEE DAM TO RELIANCE
49	HIWASSEE - MURPHY, NOTTELY DAM AND TOMOTLA TO HIWASSEE DAM
52	NOTTELY - ABOVE NOTTELY DAM
53A	HIWASSEE - CHATUGE DAM TO MURPHY
54A	HIWASSEE - ABOVE CHATUGE DAM
55	VALLEY - ABOVE TOMOTLA
57	TENNESSEE AND CLINCH - FORT LOUDOUN TO WATTS BAR AND KINGSTON TO NORRIS DAM
59	EMORY - ABOVE OAKDALE
62	CLINCH - ARTHUR AND TAZEWELL TO NORRIS
63	POWELL - ABOVE ARTHUR
65	CLINCH - ABOVE TAZEWELL
67	TENNESSEE - KNOXVILLE TO FORT LOUDOUN
69	LITTLE TENNESSEE - CALDERWOOD TO McGHEE
70	LITTLE TENNESSEE - FONTANA AND SANTEETLAH TO CALDERWOOD
71	CHEOAH - ABOVE SANTEETLAH

AREA NO.	AREA
72	LITTLE TENNESSEE - BRYSON, JUDSON TO FONTANA DAM
73	TUCKASEGEE - DILLSBORO TO BRYSON
74	TUCKASEGEE - ABOVE DILLSBORO
76	LITTLE TENNESSEE - ABOVE JUDSON
77	NANTAHALA - ABOVE ALMOND
84	FRENCH BROAD AND HOLSTON - DOUGLAS AND CHEROKEE TO KNOXVILLE
87	HOLSTON - GATE CITY AND KINGSPORT TO CHEROKEE DAM
88	NORTH FORK OF HOLSTON ABOVE GATE CITY
89	SOUTH FORK OF HOLSTON - SOUTH HOLSTON DAM AND WATAUGA DAM TO KINGSPORT
92	SOUTH FORK OF HOLSTON - ABOVE SOUTH HOLSTON DAM
93	WATAUGA - ABOVE WATAUGA DAM
99	FRENCH BROAD - HARTFORD, NEWPORT AND BENT CREEK TO DOUGLAS DAM
101	PIGEON - CANTON TO HARTFORD
105	PIGEON - ABOVE CANTON
106	FRENCH BROAD - ASHEVILLE TO NEWPORT
110	FRENCH BROAD - BENT CREEK TO ASHEVILLE
114	FRENCH BROAD - BLANTYRE TO BENT CREEK
117	FRENCH BROAD - ABOVE BLANTYRE
120	NOLICHUCKY - EMBREEVILLE TO BENT CREEK
121	NOLICHUCKY - ABOVE EMBREEVILLE
125	CANEY FORK - ABOVE GREAT FALLS DAM

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
WATER RESOURCES SECTION

TENNESSEE RIVER BASIN
MEAN ANNUAL RUNOFF
OCTOBER 1920 TO SEPTEMBER 1942

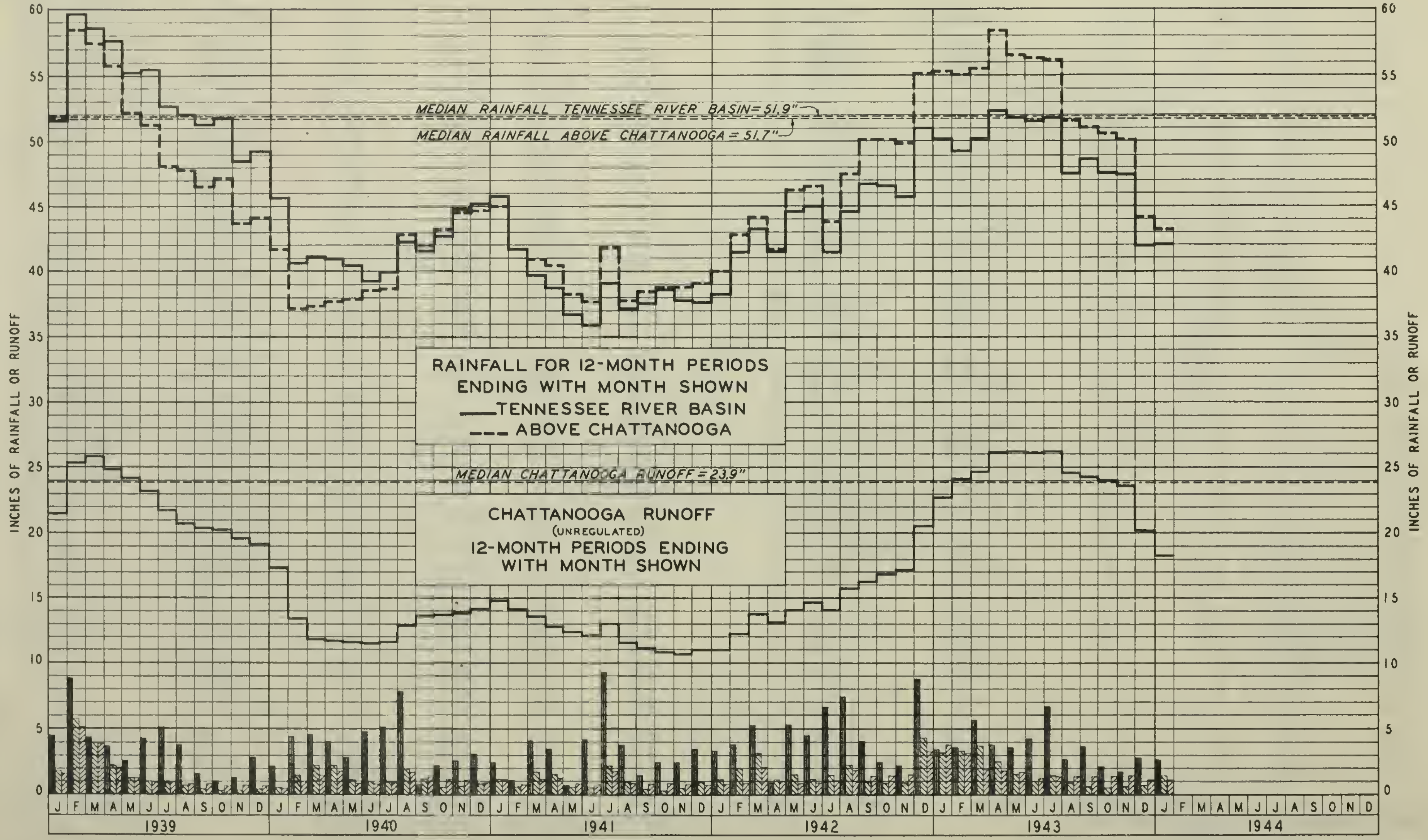
SCALE 10 0 10 20 30 40 50 MILES

MEAN ANNUAL RUNOFF
TENNESSEE RIVER BASIN
OCTOBER 1920 TO SEPTEMBER 1942

Where length of record is less than 22 years, the runoff for the unrecorded period is estimated from a stream gage having comparable watershed conditions and a full 22-year record.

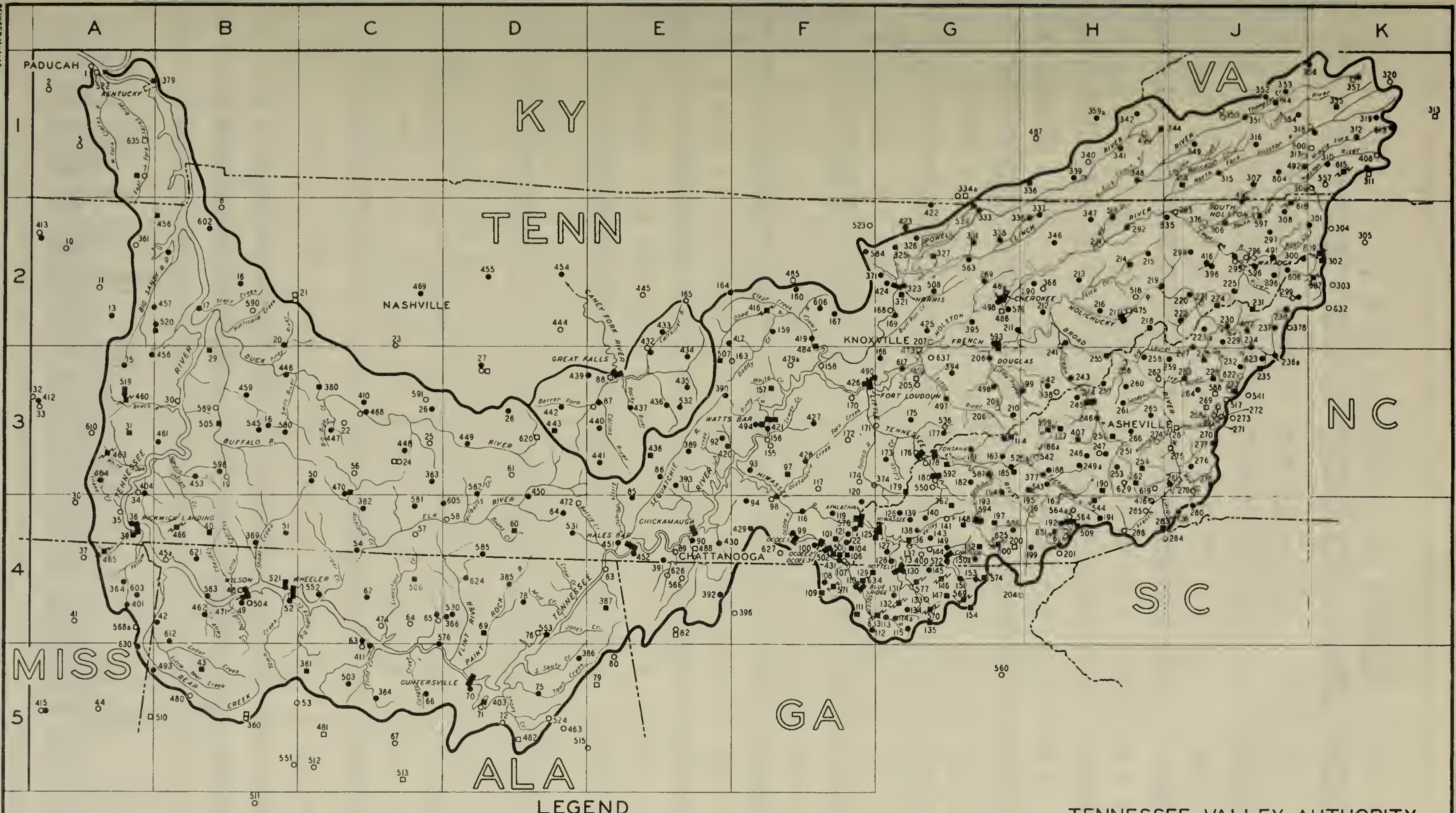
Area No.	Stream	Location	Drainage Area (Square Miles)		Mean Annual Runoff (Inches)	
			Intermediate	Cumulative	Intermediate Area	Cumulative Area
1	Tennessee	Mouth	2,185	40,910	18.2	21.4
1	Big Sandy	Bruceton	205	205	18.1	18.1
4	Tennessee	Johnsonville	2,200	38,520	22.0	21.6
4	Tennessee	Savannah	320	33,140	22.8*	21.8
7	Duck	Mouth	222	3,500	21.8*	19.8
7	Duck	Hurricane Mills	523	2,571	20.8	19.4
7	Piney	Vernon	193	193	19.8*	19.8
7	Duck	Centerville	840	2,048	17.2	19.0
10	Duck	Columbia	1,000	1,208	19.8	20.3
10	Duck	Normandy	208	208	22.2	22.2
13	Buffalo	Lobelville	260	707	21.0*	20.7
13	Buffalo	Flatwoods	447	447	20.4*	20.4
15	Tennessee	Pickwick Dam	1,343	32,820	23.3	21.8
15	Bear	Mouth	279	946	23.3*	21.4
18	Bear	Bishop	667	667	20.6	20.6
19	Tennessee	Florence	1,778	30,810	23.5	21.7
19	Tennessee	Wheeler Dam	906	29,590	23.5*	21.7
19	Elk	Mouth	465	2,249	21.8*	21.2
21	Shoal	Iron City	348	348	23.5	23.5
22	Elk	Prospect	957	1,784	20.1	21.0
23	Elk	Fayetteville	545	827	22.1*	22.0
23	Elk	Estill Springs	282	282	21.9*	21.9
26	Tennessee	Decatur	1,788	26,900	22.5	21.6
27	Flint	Chase	342	342	20.1	20.1
28	Paint Rock	Woodville	320	320	23.2	23.2
30	Tennessee	Guntersville Dam	2,276	24,450	21.0	21.6
33	Sequatchie	Whitwell	384	384	24.9	24.9
34	Tennessee	Hales Bar Dam	1,000	21,790	24.1	21.6
34	Tennessee	Chattanooga	610	21,400	22.6*	21.5
34	South Chickamauga	Chickamauga	428	428	22.5*	22.5
39	Tennessee	Chickamauga Dam	1,182	20,790	22.6	21.5
39	Richland	Dayton	50	50	28.4*	28.4
39	Hiwassee	Mouth	402	2,700	21.2*	25.0
40	Hiwassee	Charleston	480	2,298	19.8	25.6
41	Ocoee	Parksville Dam	363	595	25.0	28.1
46	Toccoa	Blue Ridge Dam	55	232	23.1*	33.0
46	Toccoa	Dial	177	177	36.1*	36.1
48	Hiwassee	Reliance	255	1,223	25.7	26.6
49	Hiwassee	Hiwassee Dam	244	968	24.7	26.9
49	Nottely	Ranger	58	272	22.2*	24.8
52	Nottely	Nottely Dam	214	214	25.6	25.6
53a	Hiwassee	Murphy	216	406	26.0	27.7
54a	Hiwassee	Chatuge Dam	190	190	29.7	29.7
55	Valley	Tomotla	104	104	31.5	31.5
57	Tennessee	Watts Bar Dam	1,413	17,310	22.6	20.9
57	White	Glen Alice	123	123	23.8*	23.8
57	Clinch	Mouth	736	4,413	20.6*	20.5
57	Tennessee	Loudon	43	12,220	20.8*	20.8
57	Little Tennessee	Mouth	184	2,627	21.5*	28.6
59	Emory	Oakdale	670	764	23.6	24.0
59	Daddy	Crab Orchard	94	94	26.4	26.4
62	Clinch	Norris Dam	754	2,913	18.6	19.5
63	Powell	Arthur	366	685	21.3	22.2
63	Powell	Jonesville	319	319	23.2	23.2
65	Clinch	Tazewell	348	1,474	18.6	18.8
65	Clinch	Spears Ferry	598	1,126	19.8	18.8
65	Clinch	Cleveland	528	528	17.7	17.7
67	Tennessee	Fort Loudoun Dam	445	9,550	18.2	18.6
67	Little	Walland	192	192	26.7	26.7
69	Little Tennessee	McGhee	463	2,443	20.4	29.1
69	Tellico	Tellico Plains	118	118	34.1	34.1
70	Little Tennessee	Calderwood	115	1,862	22.6	31.0
71	Cheoah	Santeetlah	176	176	41.7	41.7
72	Little Tennessee	Fontana Dam	252	1,571	27.8	30.4
73	Tuckasegee	Bryson City	177	655	24.2	30.4
73	Oconalufty	Cherokee	131	131	39.5	39.5
74	Tuckasegee	Dillsboro	347	347	30.1	30.1
74	Scott	Sylva	51	51	27.2*	27.2
76	Little Tennessee	Judson	167	664	23.2	32.0
76	Little Tennessee	Iotla	323	323	32.3	32.3
76	Cullasaja	Cullasaja	71	86	31.6*	35.0
76	Cullasaja	Highlands	15	15	51.0*	51.0
77	Nantahala	Almond	174	174	39.8	39.8
84	Tennessee	Knoxville	685	8,913	15.6	18.5
84	French Broad	Mouth	325	5,124	15.6*	19.4
84	Little Pigeon	Sevierville	353	353	21.1	21.1
84	Holston	Mouth	347	3,776	15.6*	17.3
84	Holston	Strawberry Plains	197	3,626	15.3*	17.4
87	Holston	Cherokee Dam	394	3,429	15.5	17.5
87	Holston	Rogersville	432	3,035	15.5	17.8
88	North Fork Holston	Gate City	179	672	13.9	16.6
88	North Fork Holston	Mendota	271	493	17.6	17.5
88	North Fork Holston	Saltville	222	222	17.5	17.5
89	South Fork Holston	Kingsport	623	1,931	16.4	18.7
89	South Fork Holston	Bluff City	301	813	17.1*	18.3
89	Watauga	Elizabethton	128	692	20.5*	21.2
89	Doe	Elizabethton	137	137	22.4	22.4
92	South Fork Holston	South Holston Dam	191	703	17.4	18.5
92	Middle Fork Holston	Meadowview	211	211	15.9	15.9
92	South Fork Holston	Vestal	225	301	22.0*	21.1
92	South Fork Holston	Riverside	76	76	18.5*	18.5
93	Watauga	Watauga Dam	131	468	26.5	21.0
93	Roan	Butler	166	166	13.6	13.6
93	Watauga	Stump Knob	171	171	24.0	24.0
99	French Broad	Douglas Dam	450	4,541	17.2	19.5
99	French Broad	Dandridge	355	4,446	17.2*	19.5
101	Pigeon	Hartford	197	547	20.7	23.6
101	Jonathan	Cove Creek	65	65	26.2*	26.2
101	Pigeon	Hepco	217	350	21.5	25.2
105	Pigeon	Canton	133	133	31.3	31.3
106	French Broad	Newport	629	1,858	12.5	20.4
106	Big Laurel	Stackhouse	126	126	18.4	18.4
106	Ivy	Marshall	158	158	12.8	12.8
110	French Broad	Asheville	269	945	15.4*	27.2
110	Hominy	Asheville	139	139	13.9	13.9
110	Swannanoa	Biltmore	106	130	14.1	16.9
110	North Fork Swannanoa	Black Mountain	24	24	29.3	29.3
114	French Broad	Bent Creek	313	676	22.0	31.9
114	Mills	Mills River	57	67	31.9*	33.2
114	South Fork Mills	Pink Beds	10	10	40.4*	40.4
117	French Broad	Blantyre	153	296	39.6	42.2
117	Davidson	Brevard	40	40	43.4	43.4
117	French Broad	Calvert	103	103	45.6	45.6
120	Nolichucky	Bent Creek	881	1,686	13.6	17.6
121	Nolichucky	Embreeville	197	805	18.1	22.1
121	Nolichucky	Poplar	286	608	19.8	23.4
121	Cane	Sioux	157	157	21.0	21.0
121	South Toe	Newdale	61	61	39.8	39.8
121	North Toe	Altapass	104	104	27.1	27.1
125	Caney Fork	Rock Island	747	1,676	23.0	24.2
125	Caney Fork	Clifty	110	110	27.5	27.5
125	Calfkiller	Sparta	173	173	29.2	29.2
125	Collins	McMinnville	518	646	23.7	23.5
125	Barren Fork	Trousdale	128	128	23.0	23.0

* Indicates runoff for intermediate areas not shown on map of "Mean Annual Runoff".



RAINFALL AND RUNOFF
IN THE
TENNESSEE RIVER BASIN

REVISED 11-1-43



LEGEND

- ● T.V.A. DAILY RAIN GAGES
- ■ T.V.A. RECORDING RAIN GAGES
- ↯ T.V.A. RADIO RAIN GAGES
- ○ U.S.W.B., U.S.E.D., U.S.F.S., U.S.D.I., AND OTHER AGENCY DAILY RAIN GAGES
- □ U.S.W.B., U.S.E.D., U.S.F.S., U.S.D.I., AND OTHER AGENCY RECORDING RAIN GAGES
- ▬ DAM
- ⬚ DAM UNDER CONSTRUCTION

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

INDEX TO
RAINFALL STATIONS

SCALE 10 0 10 20 30 40 50 MILES

TENNESSEE VALLEY AUTHORITY

MONTHLY AND ANNUAL PRECIPITATION—1943

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
412	JACKSON	A-3	TVA	360	5	1.31		0.93		7.09		2.74		6.22		3.41		1.16		3.36		7.59		0.72		3.79		3.78		42.10		2.5
32	JACKSON	A-3	USWB	450	54	1.08	4.75	1.04	3.55	6.99	4.92	2.88	4.59	5.30	4.36	2.98	3.65	2.09	3.37	1.86	3.97	6.04	3.23	0.72	3.30	4.20	3.49	3.04	4.78	38.22	47.96	3.5
33	JACKSON NO. 2	A-3	USWB	460	17	1.21	5.58	1.82	3.90	6.46	6.24	2.16	5.21	7.20	5.02	2.56	4.26	2.07	3.48	2.50	4.97	5.25	3.80	0.45	3.54	3.75	3.62	3.01	5.60	38.44	55.22	3.1
10	DRESDEN	A-2	USWB	422	18	0.72	5.75	1.52	3.84	7.88	5.48	2.62	4.85	5.04	4.76	2.93	4.44	0.36	3.16	1.60	3.77	4.60	3.64	0.78	3.42	2.66	3.74	3.34	4.75	34.05	51.60	5.0
413	MARTIN	A-2	TVA	385	5	0.78		2.19		7.66		2.87		5.27		3.73		0.94		2.20		3.72		0.81		2.49		2.73		35.39		---
413a	MARTIN	A-2	USWB	387	7	0.93		1.52		5.61		2.63		6.63		2.38		1.63		2.31		3.09		0.89		2.99		2.33		32.94		6.2
414	MEMPHIS, TENNESSEE	-	TVA	295	5	1.23		1.03		8.83		2.93		4.33		2.61		0.61		0.48		4.89		0.45		2.19		4.52		34.10		T
414a	MEMPHIS, TENN. (R)	-	USWB	271	73	1.23	4.81	0.72	4.36	7.45	5.26	2.89	4.78	6.02	4.19	2.02	3.55	0.01	3.18	0.60	3.36	5.56	2.80	0.45	2.68	3.42	4.24	3.72	4.51	34.09	47.72	T
415	TUPELO	A-5	TVA	256	5	1.64		2.23		7.32		3.45		1.76		0.37		1.74		1.45		6.59		0.38		3.37		2.62		32.92		T
415a	TUPELO	A-5	USWB	278	38	1.68	4.63	2.31	4.44	7.31	5.66	3.38	4.63	1.88	4.60	0.35	4.00	2.27	4.40	0.59	3.78	6.86	3.28	0.33	2.75	5.08	3.68	2.51	5.57	34.55	51.42	T
454	CARTHAGE	D-2	TVA	500	4	1.23		2.13		8.41		5.10		5.31		2.91		3.50		2.77		4.24		1.72		2.46		3.50		43.28		3.9
455	LEBANON	D-2	TVA	530	29	1.55	4.71	1.89	3.45	8.90	5.49	4.41	4.64	5.22	4.69	1.73	4.83	2.61	4.38	3.75	4.53	5.68	2.95	1.61	3.64	1.99	3.89	3.69	4.54	43.03	51.71	2.8
469	SOUTH NASHVILLE	C-2	TVA	425	4	1.67		1.47		9.94		3.10		4.95		1.83		3.03		1.42		6.58		1.01		1.69		3.67		40.36		2.8
639	BOWLING GREEN	D-1	TVA	470	-	STATION ESTABLISHED NOVEMBER 1, 1943																				1.40		3.63		-----	-----	---
	TENNESSEE RIVER BELOW JOHNSONVILLE																															
1	PADUCAH	A-1	USWB	341	23	0.47	4.97	1.02	3.31	6.18	4.51	2.49	4.42	8.51	3.94	2.06	4.22	3.43	3.48	0.83	3.74	4.33	3.27	1.25	3.32	1.54	3.83	2.47	4.19	34.58	47.20	5.1
522	PADUCAH (NEAR) (R)	A-1	SCS	348	4	0.32		0.90		5.74		2.21		7.65		2.97		1.72		0.33		4.22		1.14		1.42		2.06		30.68		6.3
2	LOVELACEVILLE	A-1	USWB	479	14	0.99	5.92	1.13	3.72	6.42	5.69	3.56	3.79	7.86	3.50	2.28	4.08	2.74	5.38	0.68	3.58	4.22	4.21	1.06	3.52	1.67	3.36	2.27	4.11	34.88	50.86	11.5
379	KENTUCKY DAM (R)	A-1	TVA	430	6	0.49	3.38	1.03	3.62	7.87	4.54	2.50	4.40	6.87	3.57	3.71	3.90	1.93	3.32	1.37	3.54	4.40	1.66	1.51	2.17	1.71	2.78	2.28	2.70	35.67	39.58	---
5	MAYFIELD	A-1	USWB	364	34	0.99	5.16	1.21	3.38	6.54	4.03	3.32	4.26	6.79	4.00	3.77	3.80	0.57	3.54	2.37	3.71	2.80	2.98	1.00	3.26	2.08	3.88	2.54	4.32	33.98	46.32	10.0
5a	MAYFIELD	A-1	TVA	364	-	STATION ESTABLISHED NOVEMBER 2, 1943																						1.99		-----	-----	---
635	HARDIN (R)	A-1	USWB	-	-	STATION ESTABLISHED APRIL 23, 1943								----		3.92		----		----		----		----		----		----		-----		---
7	MURRAY	A-1	USWB	412	17	0.86	5.53	0.70	3.30	#7.31	5.95	2.03	4.71	4.38	4.50	2.48	4.76	0.80	3.33	3.15	3.39	3.08	4.28	0.90	3.46	3.17	3.40	2.28	4.69	#31.14	51.30	5.5
7a	MURRAY EVAP. STA. (R)	A-1	TVA	550	-	STATION ESTABLISHED AUGUST 11, 1943																2.89		0.95		3.57		2.66		-----	-----	---
8	DOVER	B-2	USWB	492	51	0.48	5.37	1.45	3.79	8.43	4.83	2.90	4.45	4.30	4.12	2.26	4.11	2.43	3.38	1.62	3.58	4.50	3.25	0.93	3.30	2.90	3.81	2.41	4.62	34.61	48.61	3.5
602	DOVER FIRE TOWER	B-2	TVA	762	1	0.80		1.67		8.33		3.40		5.82		3.98		0.95		2.82		2.88		1.21		3.03		3.90		38.79		---
456	BUCHANAN (R)	B-2	TVA	435	4	1.02		1.38		7.12		2.52		5.85		1.62		0.50		2.46		3.47		0.78		3.46		2.85		33.03		---
9	SPRINGVILLE	B-2	TVA	377	30	1.00	5.57	1.54	3.78	8.90	5.01	2.51	4.40	6.24	4.71	1.92	3.55	0.22	3.80	2.72	3.84	3.27	3.48	0.80	3.18	3.48	3.98	3.62	5.00	36.22	50.30	4.9
361	PARIS	A-2	USWB	504	6	1.22	7.16	1.08	4.87	8.51	5.49	3.16	4.26	6.45	3.63	1.06	4.35	1.59	4.71	3.04	3.27	2.85	2.81	0.84	3.12	3.09	2.88	3.29	4.96	36.18	51.51	4.0
457	SAWYERS MILL	B-2	TVA	430	4	0.77		1.73		8.31		3.69		5.03		1.10		0.85		2.02		6.47		0.92		4.13		3.89		38.91		6.0
11	MCKENZIE	A-2	USWB	515	14	0.54	6.18	1.25	3.46	8.92	4.92	#2.80	3.68	4.01	4.02	----	----	----	----	----	----	3.53	3.28	0.26	3.41	2.93	3.28	1.73	4.05	-----	-----	---
13	HUNTINGDON	A-2	TVA	435	15	#0.86	5.77	#2.19	3.58	8.66	6.15	4.10	4.70	5.88	4.67	1.71	3.84	1.69	4.31	1.86	3.21	5.18	2.90	0.64	2.79	3.25	3.16	3.28	3.62	#39.30	48.70	4.9
520	DIVIDER SCHOOL (R)	B-2	TVA	504	3	1.00		1.25		8.07		4.06		4.75		2.84		1.86		2.22		4.73		0.75		2.95		3.83		38.31		----
520a	DIVIDER SCHOOL	B-2	TVA	488	3	1.00		1.20		8.12		3.93		4.60		2.81		1.88		2.14		4.51		0.73		2.84		3.87		37.63		1.8
520b	DIVIDER SCHOOL	B-2	TVA	486	3	0.99		1.13		8.11		3.87		4.47		2.93		1.66		2.15		4.42		0.82		2.89		3.82		37.26		1.8
15	WILDERSVILLE	A-3	TVA	480	33	1.16	5.72	1.32	3.70	8.75	5.13	3.54	4.69	5.28	4.88	2.66	3.48	0.57	3.86	2.49	4.60	7.50	2.94	1.03	3.26	3.29	3.72	3.62	4.76	41.21	50.74	4.1
16	ERIN (NEAR)	B-2	TVA	470	9	1.45	6.16	1.38	3.64	7.97	5.23	2.52	3.62	5.54	3.37	3.22	3.43	1.33	5.16	3.15	2.86	5.95	2.31	1.00	2.77	2.85	3.35	3.47	3.71	39.83	45.61	4.2
17	JOHNSONVILLE	B-2	USWB	370	60	#0.66	5.42	1.98	3.66	7.74	5.10	3.08	4.73	6.11	4.92	2.96	4.38	0.80	4.31	2.00	4.38	#4.83	3.51	0.50	3.49	3.86	3.92	3.38	5.08	#37.90	52.90	3.2
	DUCK RIVER																															
459	PLEASANTVILLE	B-3	TVA	562	4	2.03		1.97		8.78		4.28		3.73		2.88		2.30		5.91		5.90		0.55		2.62		3.75		44.70		4.0
589	LINDEN	B-3	USWB	500	3	1.50		2.90		7.95		3.90		4.10		2.10		0.71		4.80		4.65		1.00		2.50		3.91		40.02		4.0
505	SUGAR HILL (R)	B-3	TVA	610	3	2.15		1.89		7.07		4.77		1.79		0.94		0.48		4.92		5.93		#0.60		2.46		2.90		#35.90		---
545	LEWIS STATE FOREST	B-3	TVA	995	4	----		----		STATION DISCONTINUED																				-----		---
18	HOHENWALD	B-3	TVA	975	56	0.42	5.32	2.23	4.39	7.16	6.02	4.56	5.36	1.91	4.58	3.41	4.42	1.02	4.24	5.04	4.79	8.66	3.00	0.96	3.16	2.78	4.23	3.74	6.10	41.89	55.61	4.0
598	WAYNESBORO (NEAR)	B-3	TVA	1010	1	----		----		----		3.15		----		----		----		----		----		----		----		----		-----		---
19	WAYNESBORO	B-3	USWB	730	59	2.24	5.00	0.93	4.22	7.15	5.67	4.37	5.38	3.03	4.80	3.86	4.07	1.92	4.53	2.25	4.60	8.48	3.23	0.91	3.25	3.43	3.78	5.19	5.63	43.76	54.16	2.8
590	MCEWEN (NEAR)	B-2	USWB	500	3	1.13		1.30		9.55		3.80		6.86		3.63		0.80		3.77		6.53		1.03		2.60		3.72		44.72		3.5
20	PINEWOOD	B-2	TVA	520	30	2.24	5.03	1.88	3.68	8.25	5.22	3.24	4.92	4.97	4.45	5.06	3.89	0.75	3.91	4.76	3.92	5.71	2.75	0.78	2.99	2.18	3.78	3.71	5.20	42.83	49.74	3.7
446	CENTERVILLE	B-3	TVA	550	4	1.76		2.10		7.78		3.07		3.71		2.89		1.44		5.40		6.46		0.84		2.55		3.94		41.94		3.8
580	LEWIS NAT'L MONUMENT	B-3	TVA	995	3	1.72		3.15		6.20		----		----		----		----		----		----		----		----		----		-----		---
21	DICKSON	B-2	USWB	800	51	1.63	5.23	1.88	3.74	9.57	5.36	3.12	4.81	6.57	4.63	3.07	4.30	2.74	3.88	3.81	4.06	5.48	2.84	1.28	3.14	2.34	3.87	3.88	4.92	45.37	50.78	4.5
21a	DICKSON (R)	B-2	USWB	800	4	1.71		1.45		9.13		3.02		6.43		2.83		2.87		3.71		5.24		1.27		2.13		3.67		43.46		---
380	SHADY GROVE (R)	C-3	TVA	575	6	2.04	3.24	1.83	4.27	7.21	4.84	2.59	3.61	2.83	2.31	1.71	2.16	1.04	4.04	3.52	3.93	8.51	2.57	0.74	1.50	2.79	2.72	#3.44	3.80	#38.25	38.99	---
447	MT. PLEASANT	C-3	TVA	650	4	2.06		2.45		5.81		4.51		3.44		1.42		3.59		5.60		8.46		0.94		2.69		3.16		44.13		---
22	ASHWOOD	C-3	USWB	725	71	1.55	4.72	1.65	3.82	5.39	5.17	3.74	4.34	3.05	4.25	2.18	3.92	1.93	3.54	4.67	4.02	8.88	3.10	1.03	3.09	2.46	3.28	3.40	4.66	39.93	47.91	3.3
410	COLUMBIA	C-3	TVA	620	4	1.62		1.74		7.16		3.29		1.70		2.76		4.67		4.13		10.57		0.55		2.32		3.54		44.05		3.0
468	COLUMBIA HYDRO	C-3	TVA	625	4	#1.50		1.42		6.17		3.37		2.18		1.79		5.72		7.02		10.38		0.82		2.33		3.37		#46.07		T
468a	COLUMBIA	C-3	USWB	615	3	1.84		1.79		6.77		3.81		1.60		2.31		6.77		6.08		10.34		0.88		2.48		3.25		47.92		2.8
23	FRANKLIN	C-2	USWB	625	64	1.48	4.71	1.71	3.89	7.47	5.25	3.22	4.70	4.13	3.98	1.94	4.27	3.41	3.55	1.64	3.97	9.64	3.01	1.01	3.00	2.18	3.68	3.49	4.84	41.32	48.85	4.2
448	LEWISBURG NO. 2	C-3	TVA	740	4	1.32		3.00		5.43		4.97		3.45		4.46		7.62		1.69		6.91		1.04		1.56		2.78		44.23		0.5
24	LEWISBURG (NEAR)	C-3	USWB	760	50	1.26	4.93	3.32	4.36	5.68	5.78	5.24	4.58	2.75	4.25	2.91	4.25	5.74	4.24	2.01	4.51	7.41	3.01	1.14	3.30	1.62	3.47	3.02	5.29	42.10	51.97	T
24a	LEWISBURG (NEAR) (R)	C-3	USWB	760	4	1.25		3.38		5.55		5.16		2.81		2.69		5.56		1.94		7.29		1.03		1.64		2.89		41.19		---
25	PALMETTO	C-3	USWB	770	54	1.39	4.68	2.37	4.16	4.98	5.33	5.39	4.38	2.32	4.43	3.47	4.43	6.58	4.58	2.75	4.18	6.58	2.96	1.26	3.39	1.88	3.28	3.01	4.98	41.98	50.78	6.0
26	CHAPEL HILL	C-3	TVA	675	9	0.62	5.08	2.24	4.03	6.97	4.92	2.94	4.14	4.63	4.00	0.95	3.11	2.66	4.65	2.59	4.96	9.05	2.84	1.08	2.55	2.42	3.42	2.90	3.73	39.05	47.43	1.0
591	HOLTLAND	C-3	USWB	700	3	1.55		2.47		7.67		2.34		3.69		2.73		1.47		4.33		8.40		1.09		2.36		3.65		41.75		2.0
27a	MURFREESBORO	D-3	USWB	608	62	1.79	4.75	2.09	3.67	6.44	5.16	2.46	4.48	3.43	4.14	1.75	3.93	2.59	4.33	2.55	4.19	5.96	3.07	1.09	3.07	1.91	3.49	3.15	4.67	35.21	48.95	4.4
27b	MURFREESBORO	D-3	TVA	580	4	1.43		2.19		6.95		2.41		3.52		1.96		3.50		3.15		5.66		1.18		2.04		3.48		37.47		1.0
27c	MURFREESBORO (R)	D-3	USWB	608	4	1.78		1.97		6.10		2.19		3.18		1.55		2.29		2.30		5.79		1.00		1.88		2.94		32.97		---
449	SHELBYVILLE	D-3	TVA	740	4	1.26		3.30		5.03		5.35		2.81		4.32		3.09		4.19		7.87		1.16		1.59		3.42		43.39		T
28	BEECH GROVE	D-3	TVA	875	7	0.80	5.09	3.61	4.65	5.79	5.05	4.47	3.59	3.78	3.81	2.48	3.70	3.14	4.44	4.87	6.06	8.61	2.84	1.50	2.35	2.25	3.40	3.10	3.94	44.40	48.92	T
620	MANCHESTER (R)	D-3	USWB	1050	1	----		----		5.39		4.83		2.14		3.98		6.61		4.03		8.00		0.83		2.02		2.69		-----		---

(#) Interpolated or partly interpolated. (R) Recording station.

MONTHLY AND ANNUAL PRECIPITATION—1943—Continued

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	TENNESSEE RIVER - PICKWICK TO JOHNSONVILLE																															
458	CAVVIA	A-3	TVA	598	4	1.50		1.14		7.74		4.03		6.83		2.98		1.72		2.46		8.04		0.90		3.33		3.90		44.57		1.0
29	CUBA LANDING (R)	B-3	TVA	444	9	1.81	5.42	1.13	3.42	7.50	4.91	3.32	3.81	6.34	3.51	2.42	3.78	2.36	4.20	2.40	2.56	3.84	1.70	1.01	2.73	2.76	2.99	3.55	3.72	38.44	42.75	---
30	PERRYVILLE	B-3	USWB	430	48	2.01	5.16	1.67	4.13	7.52	5.50	3.26	4.68	3.84	4.23	1.44	4.23	0.45	3.99	5.98	3.96	6.34	3.09	0.67	3.42	2.55	3.78	3.69	5.32	39.42	51.49	4.0
460	LEXINGTON (RADIO)	A-3	TVA	465	4	1.3		1.1		6.4		#2.2		4.4		3.1		0.5		5.0		7.0		0.4		4.0		4.1		#39.5		---
519	OAK GROVE (R)	A-3	TVA	532	3	1.47		1.24		6.74		2.97		5.99		3.45		0.52		3.87		6.96		0.82		3.62		3.78		41.43		---
519a	OAK GROVE	A-3	TVA	462	3	1.48		1.19		6.78		3.05		6.01		3.59		#0.55		4.29		6.98		0.79		#3.75		4.13		#42.59		---
461	DUNBAR, TENNESSEE	B-3	TVA	535	4	1.84		1.90		7.39		4.02		3.63		1.71		1.24		6.15		6.40		1.01		2.73		3.84		41.86		3.3
453	CLIFTON JUNCTION	B-3	TVA	470	4	1.83		2.53		6.20		2.73		2.67		2.55		2.38		6.14		6.29		0.46		2.74		3.15		39.67		---
31	REAGAN (R)	A-3	TVA	600	23	2.21	4.63	1.17	3.71	6.84	4.63	3.31	4.69	4.02	4.11	2.35	4.07	3.80	3.45	5.33	3.61	5.93	2.74	0.71	3.00	3.69	3.49	3.73	5.07	43.09	47.20	---
463	ENVILLE (RADIO)	A-3	TVA	530	4	----		----		6.6		3.4		2.7		----		3.0		5.3		6.1		0.3		3.0		3.1		-----	-----	---
610	JACKS CREEK	A-3	USWB	549	3	1.60		1.40		6.88		2.28		3.14		1.76		3.67		3.01		8.53		0.49		3.58		3.84		40.18		---
464	LEAPWOOD (NEAR)	A-3	TVA	540	4	1.95		2.17		6.74		2.94		3.60		0.95		1.89		2.50		6.65		0.56		3.70		3.82		37.47		6.0
34	SAVANNAH	A-3	USWB	440	61	2.26	5.06	2.95	4.00	6.94	5.62	2.77	4.92	2.38	4.54	1.76	4.06	2.37	4.32	2.94	3.86	9.97	3.31	0.62	3.18	3.82	3.80	3.60	5.50	41.61	52.17	4.5
404	SAVANNAH EVAP. STATION	A-3	TVA	430	5	2.19	4.19	2.88	4.42	6.88	4.72	1.97	4.15	2.27	2.29	1.99	4.50	2.53	3.65	STATION DISCONTINUED AUGUST 9, 1943												-----	-----	---
466	GILLISES MILLS (RADIO)	B-4	TVA	765	4	1.2		2.4		5.0		1.7		4.3		4.0		1.2		2.7		5.6		0.2		3.5		3.4		35.2		---
35	SHILOH	A-4	USDI	483	33	2.18	4.98	2.56	4.24	6.50	5.70	1.79	4.56	2.93	4.52	0.81	3.62	2.86	5.01	1.35	3.62	6.70	2.09	0.89	3.30	3.28	3.45	3.27	5.64	35.12	51.33	---
465	ACTON (NEAR) (RADIO)	A-4	TVA	510	4	----		2.9		5.6		2.0		6.0		1.4		2.8		3.2		5.6		0.2		2.4		2.8		-----		---
36	SELMER	A-4	USWB	438	19	2.16	4.88	3.48	4.27	6.73	6.35	1.86	4.04	3.50	4.72	3.08	4.22	3.90	3.10	3.57	3.74	7.29	3.38	0.76	3.85	4.44	3.92	3.72	5.09	44.49	51.56	5.2
37	CORINTH	A-4	USWB	470	56	2.26	4.98	2.67	4.62	5.88	5.51	2.76	4.79	5.03	4.50	1.40	3.76	1.74	4.77	1.09	4.02	6.41	3.10	0.44	3.28	3.32	3.72	3.18	5.77	36.78	52.82	4.0
	TENNESSEE RIVER - FLORENCE TO PICKWICK																															
38	PICKWICK LANDING	A-4	TVA	479	9	1.69	5.25	2.53	3.76	6.70	4.67	1.53	4.04	3.30	3.41	2.53	4.13	3.10	4.10	1.64	3.04	7.19	2.36	0.45	3.92	2.98	3.52	3.48	4.45	37.12	46.65	---
39	PICKWICK NO. 2 (R)	A-4	TVA	397	9	2.10	5.29	2.58	3.45	6.08	4.34	1.98	4.34	3.77	3.50	2.17	4.54	2.29	3.68	2.10	3.14	6.91	2.23	0.37	3.63	3.07	3.52	3.15	4.29	36.57	45.95	---
364	BURNSVILLE	A-4	TVA	452	6	1.94	4.08	1.66	4.38	6.17	5.14	2.72	4.87	4.14	3.48	0.90	4.11	1.72	3.28	3.37	5.05	7.45	2.16	0.43	1.95	2.94	3.64	3.40	4.48	36.84	46.62	2.0
603	IUKA (NEAR)	A-4	TVA	-	1	----		----		----		2.66				STATION DISCONTINUED														-----	-----	---
401b	MIDWAY	A-4	TVA	590	6	#1.30	3.48	#1.32	5.34	6.18	5.09	1.46	4.38			STATION DISCONTINUED MAY 1, 1943														-----	-----	---
401c	MIDWAY	A-4	TVA	590	6	----		----		----		2.12				STATION DISCONTINUED MAY 1, 1943														-----	-----	---
401d	MIDWAY	A-4	TVA	610	6	#1.63	3.60	#1.53	5.12	6.83	5.23	1.96	4.35	2.96	2.58	1.00	4.30	2.56	3.53	0.87	4.41	7.77	2.88	0.46	2.22	3.40	3.58	2.94	4.45	#33.91	46.25	---
401e	MIDWAY	A-4	TVA	610	6	1.95	3.65	1.66	5.29	7.02	5.39	----	----			STATION DISCONTINUED MAY 1, 1943														-----	-----	---
40	VICTORY (R)	B-4	TVA	890	9	0.72	6.02	2.83	5.09	5.11	5.52	2.28	5.50	4.12	4.19	2.25	4.65	2.76	5.61	4.99	5.01	6.25	2.61	0.58	4.39	3.24	4.43	3.15	4.81	38.28	57.83	---
41	BOONEVILLE	A-4	USWB	504	50	2.89	5.13	1.30	4.35	6.78	5.63	1.07	4.90	5.27	4.64	1.76	4.02	1.37	4.15	0.30	3.67	6.64	3.07	0.46	3.10	3.95	3.78	2.61	6.03	34.40	52.47	2.0
42	BISHOP	B-4	TVA	470	9	2.24	5.23	1.80	4.53	6.20	6.10	0.88	5.04	4.03	3.95	1.31	4.24	0.85	3.78	1.03	3.03	6.98	2.77	0.54	2.63	2.79	3.71	2.91	4 02	31.56	49.03	0.0
612	POPE TOWER	B-4	TVA	710	1	----		2.70		6.25		----		-----		----		----		----		----		----		----		----		-----		---
568a	TISHOMINGO (R)	A-4	USWB	550	2	2.25		1.65		5.94		0.90		4.34		1.34		0.72		0.99		6.87		0.51		3.02		1.56		30.09		---
630	BELMONT (NEAR)	A-5	TVA	585	-	STATION ESTABLISHED MAY 10, 1943										1.04		2.55		0.15		7.07		0.54		2.71		3.30		-----	-----	---
493	RED BAY	B-5	TVA	630	4	1.28		3.02		7.69		3.11		6.85		2.28		1.24		3.47		4.69		0.50		3.17		3.36		40.66		0.0
43	BELGREEN (R)	B-5	TVA	910	9	1.18	4.38	2.71	4.68	6.13	5.94	1.91	4.61	5.92	3.87	4.52	3.81	0.60	5.41	2.71	3.47	5.01	2.57	0.65	3.31	2.05	3.36	3.97	4.08	37.36	49.49	---
480	HODGES	B-5	USED	870	6	0.75	3.77	2.82	5.44	5.99	5.33	2.76	4.00	1.91	3.30	2.87	4.39	1.06	4.66	1.17	4.06	5.51	2.19	0.73	1.62	2.01	3.21	3.60	4.34	31.18	46.31	0.0
510	SHOTTSVILLE (R)	A-5	USED	-	4	0.61		3.06		5.29		2.34		4.97		0.26		4.86		0.93		4.25		0.64		2.35		3.34		32.90		---
44	FULTON	A-5	USWB	335	35	1.62	4.62	2.79	5.53	5.16	5.42	3.62	4.62	6.06	4.74	4.01	3.86	1.46	4.57	0.90	3.59	6.54	2.75	0.52	2.83	2.39	3.50	2.60	5.72	37.67	51.75	T
45a	WATERLOO	B-4	USWB	440	47	#2.22	4.83	1.21	4.45	#5.80	5.70	2.71	4.95	4.23	4.53	1.69	3.83	2.47	4.39	1.15	4.10	6.13	3.17	0.30	3.31	3.65	3.69	2.27	5.69	#33.83	52.64	T
621	YOUNGS STORE (NEAR)	B-4	TVA	840	1	1.93		1.65		5.68		3.89		4.44		----		----		----		----		----		----		----		-----		---
583	SMITHSONIA (NEAR)	B-4	TVA	500	2	1.92		1.64		5.48		0.92		2.91		1.86		2.05		1.56		4.89		0.53		2.32		3.23		29.31		T
462	BARTON	B-4	TVA	403	4	1.86		1.90		7.17		1.28		4.64		0.85		6.80		1.60		4.92		0.45		3.34		5.67		40.48		0.0
360	HALEYVILLE	B-5	USWB	947	7	1.32	5.28	3.14	5.16	7.40	5.71	3.48	4.12	2.00	3.61	4.01	5.76	5.80	6.96	2.95	4.50	5.74	2.82	0.72	2.54	2.26	3.25	3.58	4.91	42.40	54.62	0.0
360a	HALEYVILLE (R)	B-5	USWB	947	4	1.01		2.90		6.63		3.18		1.74		3.54		5.49		2.71		5.47		0.70		2.21		3.43		39.01		---
	TENNESSEE RIVER - GUNTERSVILLE TO FLORENCE																															
504	MUSCLE SHOALS	B-4	USWB	534	60	2.60	4.91	1.72	4.51	5.33	5.73	1.30	4.69	2.88	4.37	1.96	4.61	3.18	4.52	2.85	3.99	3.82	2.82	0.33	3.21	1.66	3.45	3.29	5.49	30.92	52.30	T
48	FLORENCE (AT LOCK)	B-4	USED	440	8	2.07	4.91	1.97	4.51	5.69	5.73	1.58	4.69	2.47	4.37	3.67	4.61	2.35	4.52	1.76	3.99	3.64	2.82	0.55	3.21	1.77	3.45	3.07	5.49	30.59	52.30	0.0
471	WILSON STEAM PLANT	B-4	TVA	485	10	1.76	4.33	1.90	4.36	5.66	4.98	1.47	4.08	3.04	2.77	3.54	3.68	2.01	3.77	1.58	3.20	3.72	2.61	0.43	2.80	1.76	3.32	3.28	3.84	30.15	43.74	T
471a	WILSON HYDRO PLANT	B-4	TVA	530	-	STATION ESTABLISHED OCTOBER 19, 1943																						3.45		-----	-----	---
49	TVA NURSERY	B-4	TVA	505	10	2.34	4.60	1.87	4.73	5.30	4.85	1.75	4.47	2.98	2.79	2.32	3.48	1.94	4.22	2.37	3.51	4.20	2.64	0.49	3.02	1.71	3.31	3.45	3.73	30.72	45.35	0.0
50	ETHRIDGE	C-3	TVA	950	9	1.79	4.66	2.78	3.59	5.30	4.31	3.62	3.99	1.75	3.23	2.54	3.14	1.58	5.33	2.51	3.64	6.94	2.40	0.84	2.77	2.33	3.38	3.07	3.71	35.05	44.15	T
51	LORETTO	B-4	TVA	774	36	1.25	5.18	2.26	4.52	#6.35	6.10	2.89	5.20	2.88	4.74	1.27	4.24	2.88	4.21	3.06	4.56	6.22	3.38	0.59	3.24	2.26	3.34	3.62	5.45	#35.53	54.16	0.8
369	IRON CITY	B-4	TVA	610	23	0.40	5.36	3.36	4.71	6.05	6.11	2.72	5.28	2.63	4.64	1.42	3.67	2.25	3.73	1.64	5.13	7.94	3.48	0.53	3.21	2.27	3.59	3.49	5.79	34.70	54.70	0.0
521	CENTER STAR (NEAR) (R)	B-4	TVA	655	3	1.80		2.51		4.93		1.76		2.69		1.22		5.34		4.52		5.57		0.52		1.68		3.57		36.11		---
521a	CENTER STAR (NEAR)	B-4	TVA	620	3	1.89		2.45		5.04		1.70		2.53		1.31		4.39		4.58		5.57		0.52		1.61		3.36		34.95		0.5
52	WHEELER DAM	B-4	TVA	580	10	1.79	4.54	3.32	4.68	5.43	5.10	1.94	4.38	3.09	2.98	3.72	3.58	1.38	4.75	4.33	3.33	5.52	2.11	0.56	2.69	1.77	3.13	4.04	4.03	36.89	45.30	T
552	ROGERSVILLE (NEAR)	C-4	TVA	590	2	1.35		2.60		4.36		2.40		2.90		----		----		----		3.84		----		1.75		3.15		-----		---
381	MOULTON (R)	C-5	TVA	630	6	1.02	3.20	3.29	4.95	5.38	4.91	2.18	2.88	1.12	1.48	1.81	3.18	1.22	4.33	1.42	3.79	3.44	2.05	0.76	1.38	1.82	2.37	2.71	3.45	26.17	37.97	---
53	CENTRAL TOWER	B-5	USFS	1500	9	1.20	4.20	2.97	4.76	6.15	6.14	5.45	4.34	2.15	3.05	3.00	3.27	3.59	5.39	1.88	4.22	5.00	2.06	1.07	2.46	1.69	2.93	3.48	4.68	37.63	47.50	---
551	BLACK POND	B-5	USFS	950	6	----		3.17		7.58		3.38		2.10		----		2.49		2.03		7.05		0.66		0.94		2.90		-----		---
481	ADDISON (R)	C-5	USED	850	6	0.88	3.59	2.76	5.36	7.19	4.92	2.89	2.82	1.90	1.97	0.99	4.80	3.67	5.31	4.57	4.27	5.67	2.87	0.90	1.75	2.06	3.06	2.87	4.07	36.35	44.79	0.0
512	ARLEY	C-5	USED	-	6	1.35		2.79		8.28		3.76		2.10		0.31		5.62		2.72		7.35		0.86		1.95		2.98		40.07		0.0
511	CARBON HILL	B-6	USED	-	6	1.62		3.11		7.49		3.39		2.73		1.09		3.31		5.27		3.63		0.80		1.72		3.09		37.25		T
62	ATHENS	C-4	TVA	710	9	1.53	5.53	3.81	4.40	4.47	6.13	3.27	4.40	3.55	2.70	2.59	2.62	5.48	4.90	0.36	3.75	6.16	2.53	1.09	3.03	2.10	3.53	3.20	4.67	37.61	48.19	0.0
62a	ATHENS (NEAR)	C-4	USWB	710	3	STATION DISCONTINUED																								-----		---
63	DECATUR	C-5	USWB	573	65	1.03	4.48	3.35	4.39	5.40	5.67	3.50	4.50	2.26	4.04	1.95	3.99	4.48	4.21	1.80	3.94	6.49	2.43	1.72	3.21	1.54	3.35	2.94	5.29	36.46	49.50	T
63a	DECATUR NO. 3	C-4	TVA	580	4	0.93		3.08		5.20		2.88		#1.80		----		----		----		5.58		----		----		2.75		-----		---
411	DECATUR NO. 2	C-5	TVA	588	5	1.15		3.56		5.47		3.07		1.59		0.57		3.23		1.46		5.69		1.57		1.55		2.77		31.68		0.0
384	FALKVILLE	C-5	TVA	620	6	0.72	3.23	3.22	6.38	7.60	5.54	4.90	3.09	2.50	2.39	1.05	3.38	3.00	5.77	1.10	4.73	#5.83	2.50	1.32	1.74	1.78	3.02	3.18	4.02	#36.20	45.79	T

(#) Interpolated or partly interpolated. (R) Recording station.

TENNESSEE VALLEY AUTHORITY

HYDRAULIC DATA DIVISION

MONTHLY AND ANNUAL PRECIPITATION—1943—Continued

METEOROLOGY SECTION

Sta No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	TENNESSEE RIVER - GUNTERSVILLE TO FLORENCE (CONT'D)																															
503	DANVILLE	C-5	TVA	595	3	1.16		3.26		6.61		3.97		1.61		1.37		3.80		2.71		6.67		1.15		1.34		3.11		36.76		0.0
474	ALA. STATE FARM	C-4	API	600	14	1.11	3.96	3.34	4.47	5.70	5.52	2.97	3.45	1.89	3.12	1.94	2.55	3.36	4.88	2.05	3.92	5.42	2.96	1.20	2.86	1.55	3.12	2.91	4.88	33.44	45.69	---
64	MADISON	C-4	USWB	573	50	0.79	4.56	3.52	4.54	6.76	5.55	2.86	4.90	2.09	4.17	3.33	4.57	5.10	4.40	1.50	3.71	7.23	3.16	1.08	3.55	1.87	3.62	3.12	5.64	39.25	52.37	T
65	HUNTSVILLE	C-4	TVA	615	20	1.05	5.17	3.16	4.56	6.59	5.63	2.45	5.21	2.60	3.65	1.99	5.03	1.65	4.69	1.51	4.84	6.94	3.19	1.22	2.74	1.96	3.00	3.60	4.61	34.72	52.32	---
65a	HUNTSVILLE	C-4	USWB	620	3	2.07	5.17	3.64	4.56	8.49	5.63	3.14	5.21	2.84	3.65	2.98	5.03	2.40	4.69	1.62	4.84	7.56	3.19	0.99	2.74	2.09	3.00	4.41	4.61	42.23	52.32	T
66	CENTER GROVE	C-5	TVA	700	9	1.40	5.21	3.30	5.14	8.60	6.04	5.15	4.89	3.11	2.50	4.55	3.71	2.93	5.28	3.21	5.15	5.93	2.62	0.94	2.85	3.51	3.43	4.42	4.29	47.05	51.11	0.0
67	ST. BERNARD	C-5	USWB	802	37	2.60	5.54	2.69	4.88	8.27	6.05	3.89	4.99	2.54	5.00	1.92	4.49	2.79	5.11	1.37	4.50	3.18	3.01	0.76	3.89	1.88	3.82	3.13	5.78	35.02	57.06	T
513	GARDEN CITY	C-6	USED	-	6	2.27		3.85		7.70		4.39		2.70		1.60		4.91		1.57		5.12		0.89		2.01		3.95		40.96		0.0
514a	TRAFFORD (R)	C-6	USED	-	2	2.78		2.90		9.48		7.25		0.88		2.70		5.18		3.48		3.25		0.80		2.55		3.32		44.57		---
576	FARLEY	C-5	TVA	670	3	1.04		3.22		6.52		3.52		3.13		1.70		1.91		1.53		3.74		0.88		1.85		3.32		32.36		T
624	NEW MARKET	D-4	TVA	725	-	EST. 1-29-43		3.67		6.73		2.98		2.80		2.91		3.17		0.70		8.71		1.16		3.04		3.29		-----	-----	---
530	MONTE SANO NO. 6	D-4	TVA	1650	3	1.50		#4.00		7.43		3.40		3.10		#2.70		2.88		2.07		7.87		1.03		2.35		3.86		#42.79		---
366	MONTE SANO	D-4	TVA	1800	6	1.36	4.04	4.49	5.45	8.20	6.32	4.05	4.16	3.28	3.20	2.74	5.26	3.82	5.72	2.54	4.95	7.87	2.84	1.20	1.84	2.28	3.59	4.17	4.67	46.00	52.04	0.2
506	TONEY (R)	C-4	TVA	750	3	1.27		3.05		4.23		3.71		2.20		0.29		3.63		1.21		5.43		1.42		1.82		2.65		30.91		---
585	ELORA	D-4	TVA	927	2	1.98		4.01		#4.44		5.29		1.35		6.17		4.09		2.02		6.95		1.25		2.05		3.06		#42.66		0.0
69	PAINT ROCK (R)	D-4	TVA	600	9	1.77	5.35	3.43	5.31	6.72	5.76	4.39	5.18	1.73	2.82	2.12	4.08	2.38	4.17	3.06	4.58	6.98	2.81	1.06	2.17	1.70	2.70	3.39	4.62	38.73	49.55	---
385	SWAIM	D-4	TVA	665	6	2.29	4.08	3.54	6.44	7.45	5.66	4.12	3.45	3.05	2.77	3.96	4.03	2.70	4.55	2.33	4.38	7.71	2.83	1.26	1.85	1.51	2.95	3.82	4.62	43.74	47.61	T
	ELK RIVER																															
54	BETHEL	C-4	TVA	650	9	1.07	5.06	2.50	4.77	6.25	5.68	4.07	4.53	3.57	3.55	0.32	3.09	5.82	5.89	2.83	3.97	8.68	3.50	1.01	3.49	1.93	3.73	3.27	3.90	41.32	51.16	1.0
382	PULASKI	C-4	TVA	690	6	1.47	3.64	3.00	5.98	5.92	4.96	2.60	3.21	4.22	3.04	1.75	3.62	2.13	4.76	3.20	4.58	6.46	2.45	0.60	1.50	1.79	3.38	2.67	4.10	35.81	45.22	T
470	WALES (NEAR) (R)	G-3	TVA	-	4	1.48		2.82		5.79		4.07		5.07		1.91		2.26		2.81		7.69		0.79		2.06		3.43		40.18		---
470a	WALES (NEAR)	C-3	TVA	-	4	#1.60		3.01		6.13		4.36		5.12		2.02		2.60		3.01		7.99		0.86		2.14		3.65		#42.49		1.0
56	LYNNVILLE (NEAR)	C-3	USWB	800	58	1.86	4.87	2.67	4.60	6.21	5.69	4.22	4.83	4.28	4.26	1.84	4.68	4.82	4.86	2.78	4.45	8.11	3.07	0.84	3.50	2.09	3.39	3.49	5.23	43.21	53.43	2.0
57	COLDWATER	C-4	USWB	645	48	1.17	4.97	3.31	4.64	5.55	5.93	3.91	4.98	2.45	4.35	1.26	4.26	4.55	4.19	4.64	4.24	10.15	2.96	0.95	3.46	1.61	3.70	3.35	5.65	42.90	53.33	T
581	BOONSHILL	C-4	TVA	680	2	1.24		2.95		5.92		4.19		4.69		2.79		6.69		3.73		9.66		1.17		2.16		3.05		48.24		T
58	FAYETTEVILLE	D-4	USWB	710	17	1.32	4.06	3.18	4.85	4.93	5.48	4.48	4.24	3.39	4.19	3.76	3.87	10.01	3.97	2.95	3.73	6.91	2.69	1.11	3.14	1.20	3.97	#3.25	4.35	#46.49	48.54	T
605	BELLEVILLE	D-4	TVA	-	1	1.34		3.20		5.87		4.53		2.91		4.00		3.80		2.31		7.50		1.41		1.97		3.13		41.97		T
383	PETERSBURG	G-3	TVA	-	6	2.21	3.63	4.04	5.92	#5.17	5.09	3.86	3.52	3.78	3.01	3.38	4.60	6.03	5.83	2.79	4.11	9.31	3.30	1.30	1.64	2.29	3.38	3.00	4.09	#47.16	48.12	T
582	LYNCHBURG	D-3	TVA	780	2	1.79		2.30		5.56		4.89		2.30		2.35		5.01		3.43		6.36		1.25		1.85		3.13		40.22		T
60	BELVIDERE (R)	D-4	TVA	965	9	2.63	4.41	3.34	4.40	5.40	4.68	3.62	3.68	2.52	2.90	2.34	3.48	5.56	6.07	1.50	4.15	6.64	2.68	1.04	2.35	2.16	2.85	2.55	3.96	39.30	45.61	---
61	TULLAHOMA	D-3	USWB	1075	57	1.99	4.89	3.90	4.63	5.56	5.80	5.62	5.11	2.44	4.29	3.55	4.26	6.03	4.80	2.60	4.44	8.77	3.26	0.93	3.59	2.05	3.59	2.86	5.80	46.30	54.46	3.0
450	ESTILL SPRINGS	D-4	TVA	920	4	1.21		3.45		#5.49		4.03		2.17		4.91		9.51		2.73		6.64		1.16		1.89		3.19		#46.38		0.2
472	MONTEAGLE	D-4	USWB	1956	5	3.08	4.97	4.39	4.36	6.34	5.63	5.37	4.93	2.22	4.60	3.34	5.17	5.11	5.25	2.62	5.09	6.72	3.26	1.62	3.49	2.91	3.87	3.96	5.21	47.68	55.83	2.5
	TENNESSEE RIVER - CHICKAMAUGA TO GUNTERSVILLE																															
70	GUNTERSVILLE DAM	D-5	TVA	611	8	1.95	4.61	2.74	5.11	7.03	5.63	5.33	4.74	1.81	2.46	1.36	3.06	1.48	5.28	4.53	4.71	5.57	2.12	0.72	2.18	1.42	2.39	2.93	4.36	36.87	46.65	T
71	GUNTERSVILLE	D-5	USWB	640	43	2.72	4.73	2.59	4.92	6.66	5.73	5.04	4.96	2.00	4.65	1.57	4.10	2.90	5.01	5.44	3.84	6.30	3.53	0.60	3.25	1.79	3.44	3.34	5.46	40.95	53.62	T
403	GUNTERSVILLE (R)	D-5	TVA	660	5	2.48		2.57		6.33		4.98		2.02		1.37		2.80		5.18		6.19		0.55		1.72		2.88		39.07		---
72	ALBERTVILLE	D-5	USWB	1114	18	2.17	5.09	2.98	4.79	8.69	6.35	5.03	4.73	2.63	4.44	1.47	4.48	3.03	4.85	2.58	4.23	4.90	3.53	0.46	3.27	1.77	3.88	3.48	5.46	39.19	55.10	T
482	BOAZ (R)	D-5	USED	1010	6	2.32	3.53	3.23	5.24	8.40	5.68	4.95	4.30	3.33	2.97	2.79	4.14	1.86	4.70	3.88	5.87	3.43	2.12	0.53	1.52	1.79	2.79	3.22	4.96	39.73	47.82	T
75	SOUTH HILL	D-5	TVA	980	9	2.35	5.47	3.26	5.02	9.27	5.74	6.31	4.98	3.72	3.16	2.95	3.76	1.70	4.88	3.11	4.84	5.17	2.27	0.37	2.49	1.85	2.66	3.90	4.97	43.96	50.24	T
524	SAND MT. STATE FARM	D-5	API	1195	14	2.31		3.15		8.00		6.09		3.58		2.65		2.57		2.30		4.52		0.72		2.13		3.08		41.10		2.0
483	COLLINSVILLE	D-5	USED	855	6	3.09	3.62	4.38	6.24	8.20	5.79	5.78	4.59	2.41	3.45	0.33	3.45	2.51	5.28	3.88	5.24	3.80	2.47	1.19	1.48	1.94	2.90	2.05	5.05	39.56	49.56	T
515	LEESBURG	E-5	USED	636	51	3.09	5.04	3.65	5.38	8.30	6.32	6.01	4.64	3.02	4.07	2.20	4.14	3.22	5.25	4.10	3.90	5.23	3.20	0.70	3.27	1.69	3.59	3.24	5.97	44.45	54.77	T
386	SYLVANIA	D-5	TVA	1400	6	2.37	3.63	3.30	5.96	8.53	5.66	4.85	3.34	2.21	2.50	4.00	4.71	4.91	3.61	3.93	3.87	7.08	2.74	1.34	1.43	1.43	2.64	3.90	5.16	47.85	45.25	T
553	COMER BRIDGE	D-4	TVA	715	5	----		2.26		6.73		3.49		1.39		----		----		----		----		----		----		3.82		-----		---
76	SCOTTSBORO	D-4	USWB	652	62	1.99	4.68	3.65	4.78	6.78	5.83	3.73	4.77	2.95	4.14	4.30	4.30	3.20	4.81	3.50	4.13	6.35	3.13	1.18	3.32	1.40	3.41	4.08	5.77	43.11	53.07	0.0
78	HYTOP	D-4	TVA	1500	9	1.90	5.50	4.03	4.79	7.61	5.92	4.35	5.03	2.68	3.40	1.97	4.09	4.36	5.19	2.77	4.51	6.96	2.85	1.90	2.89	2.10	3.63	3.89	5.06	44.52	53.86	0.5
78a	HYTOP NO. 2	D-4	TVA	1500	-	EST. FEBRUARY 10, 1943				7.60		4.45		2.80		2.18		3.17		2.85	STATION DISCONTINUED SEPT. 1, 1943									-----	-----	---
79	FT. PAYNE (R)	E-5	USWB	879	9	2.02	5.53	3.42	5.37	6.86	6.00	4.59	5.08	1.94	2.71	0.91	3.90	2.30	4.95	3.93	4.48	4.44	1.97	0.89	2.39	----	----	3.62	4.71	-----	-----	---
80	VALLEY HEAD	E-5	USWB	1031	59	2.79	4.81	2.95	4.93	7.08	5.75	4.13	5.13	3.38	4.59	1.91	4.27	7.20	5.11	4.74	4.52	5.44	2.79	1.20	3.47	1.74	3.29	2.83	5.33	45.39	53.99	T
387	FLAT ROCK (R)	E-4	TVA	1400	6	1.94	3.46	2.93	5.16	6.17	5.39	4.45	3.29	2.83	2.74	1.48	3.54	6.79	4.56	2.74	4.13	4.99	2.03	1.60	1.65	1.31	2.62	3.50	4.69	40.73	43.26	---
531	FRANKLIN STATE FOREST	D-4	TVA	1950	4	2.52		4.82		6.86		4.82		3.26		6.20		5.00		3.73		6.57		1.40		2.25		2.98		50.41		---
83	BRIDGEPORT	E-4	USWB	660	48	1.99	4.74	3.42	4.94	6.55	6.33	3.90	4.90	2.23	4.41	3.11	4.29	5.91	5.00	1.73	4.15	7.46	2.74	1.32	3.63	1.03	3.78	3.04	5.93	41.69	54.84	T
84	SEWANEE	D-4	USWB	1950	50	3.02	4.97	4.11	4.36	#6.50	5.63	4.48	4.93	1.77	4.60	#3.30	5.17	#5.50	5.25	#2.80	5.09	#6.70	3.26	#1.65	3.49	3.29	3.87	2.66	5.21	#45.78	55.83	1.1
451	JASPER	E-4	TVA	650	4	2.80		3.33		7.72		4.08		2.62		3.43		6.79		1.30		5.54		1.57		0.54		2.98		42.70		0.0
85	LOCKHART TOWER	E-4	TVA	2400	9	2.85	5.96	4.20	6.16	6.41	6.10	5.22	4.94	1.92	3.62	6.57	5.50	12.18	6.97	2.42	5.24	3.53	1.60	1.55	3.04	2.73	3.72	3.25	5.48	52.83	58.33	3.5
86	DUNLAP	E-3	TVA	718	22	3.50	5.34	#3.50	4.76	4.75	4.89	4.31	4.95	0.85	3.44	2.95	5.10	6.30	5.94	2.05	4.85	3.24	4.09	0.62	3.21	1.90	3.39	2.65	5.23	#36.62	55.19	0.0
438	CAGLE (R)	E-3	TVA	2030	4	3.06		3.01		4.39		4.90		1.65		5.28		6.66		1.40		4.72		1.30		1.86		2.56		40.79		---
389	COLLEGE JUNCTION	E-3	TVA	800	6	3.05	3.33	3.48	5.28	4.34	4.73	4.33	3.52	1.79	2.61	3.13	4.16	6.25	5.91	1.77	4.37	4.90	2.24	1.67	1.97	2.38	2.43	2.33	4.72	39.42	45.27	T
390	LITTON	E-3	TVA	980	6	3.32	3.48	4.92	5.61	5.60	4.87	4.38	3.76	2.48	2.44	1.28	3.66	4.91	5.90	0.97	4.66	5.63	2.63	1.48	1.46	1.95	2.93	2.69	5.03	39.61	46.43	3.5
452	HALES BAR	E-4	TVA	690	4	2.14		3.29		5.94		3.79		3.26		3.71		4.97		1.28		5.87		1.36		1.20		2.56		39.37		T
89	CHATTANOOGA	E-4	USWB	750	65	2.11	5.26	3.02	4.88	8.01	5.78	4.92	4.85	1.52	3.79	4.10	4.16	8.93	4.25	3.24	4.03	4.69	3.11	1.96	3.01	1.32	3.36	3.18	5.13	47.00	51.61	0.1
488	CHATTA. AIRPORT (R)	E-4	USWB	689	9	2.03	5.26	2.93	4.88	7.00	5.78	5.50	4.85	1.56	3.79	2.67	4.16	6.55	4.25	2.64	4.03	4.91	3.11	2.39	3.01	1.29	3.36	3.00	5.13	42.47	51.61	T
391	LOOKOUT MOUNTAIN	E-4	TVA	2100	14	2.15	4.80	3.42	5.18	7.01	5.31	5.81	3.67	2.78	3.68	2.91	3.98	6.07	5.94	3.31	4.53	4.58	2.94	2.19	3.02	1.83	3.09	3.39	5.18	46.05	51.32	0.7
628	FLINTSTONE	E-4	PRIVATE	-	-	EST. MARCH 1, 1943				6.84		5.16		----		2.66		6.58		2.93		4.98		1.76		1.33		3.11		-----		---
566	CHICKAMAUGA PARK	E-4	USDI	780	3	1.97		2.96		7.81		5.61		2.37		4.00		10.37		2.04		5.26		1.97		1.19		3.23		48.78		---
82	LAFAYETTE	E-4	USWB	805	12	2.36	4.67	2.79	4.96	7.69	4.81	5.40	5.65	1.74	3.14	2.28	5.11	4.57	5.60	3.26	4.98	5.66	2.91	1.42	2.46	1.29	2.56	3.45	4.51	41.91	51.36	0.1
82a	LAFAYETTE (R)	E-4	USWB	805	4	2.33		2.83		7.27		5.14		1.56		2.07		4.32		3.33		5.60		1.35		1.18		3.17		40.15		---
392	TUNNEL HILL	E-4	TVA	900	6	2.64	3.49	1.87	4.98	7.78	5.80	5.53	3.14	2.16	3.09	3.60	5.16	5.63	4.44	2.78	5.28	5.48	1.90	2.52	1.62	1.51	2.74	3.46	5.17	44.96	46.81	0.0
396	DALTON	F-4	USWB	800	7	2.81	3.82	2.53	4.73	7.22	5.78	4.38	4.09	3.67	4.16	2.67	5.62	7.24	7.60	3.25	5.84	7.20	2.16	2.21	1.70	1.40	2.67	3.11	5.20	47.69	53.37	T

(#) Interpolated or partly interpolated. (R) Recording station.

TENNESSEE VALLEY AUTHORITY

HYDRAULIC DATA DIVISION

MONTHLY AND ANNUAL PRECIPITATION—1943—Continued

METEOROLOGY SECTION

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	CANEY FORK RIVER ABOVE ROCK ISLAND																															
88	ROCK ISLAND	E-3	TVA	813	40	1.89	4.80	3.95	4.02	6.44	5.82	3.95	4.55	3.64	4.10	4.31	4.85	8.97	5.22	1.69	4.49	5.00	3.68	1.64	3.32	2.37	3.37	3.56	4.76	47.41	52.98	T
88a	ROCK ISLAND (R)	E-3	USWB	813	4	1.61		3.70		6.22		4.00		3.38		4.05		8.55		1.48		4.48		1.57		2.21		3.65		44.90		---
87	MCMINNVILLE	E-3	USWB	1015	63	1.98	4.80	4.48	3.94	5.98	5.48	4.06	4.42	4.21	4.02	5.05	4.41	5.65	5.17	3.40	4.16	4.44	3.36	1.20	3.39	2.18	3.30	3.35	4.96	45.98	51.41	1.3
87b	MCMINNVILLE	E-3	TVA	900	3	1.98		4.56		5.62		4.63		3.32		5.42		7.74		2.08		4.79		1.35		2.08		3.52		47.09		2.7
432	SPARTA	E-3	TVA	920	27	1.85	4.84	3.32	3.78	7.23	5.63	5.11	4.42	2.85	4.14	2.64	5.44	2.56	5.91	1.95	4.81	5.10	3.37	1.85	3.02	2.59	3.28	3.48	4.63	40.53	53.27	---
432a	SPARTA (NEAR)	E-3	USWB	950	4	----		----		----		----		3.33		1.76		2.81		2.69		4.38		1.87		2.63		3.21		-----		---
433	TAYLORS	E-2	TVA	950	4	1.58		3.43		7.33		4.73		3.38		3.55		2.45		1.28		4.31		1.76		2.32		3.44		39.56		2.1
434	EASTLAND	E-3	TVA	1750	26	2.72	5.72	4.94	4.64	6.23	6.72	5.48	5.55	2.90	4.37	4.49	5.55	2.89	6.07	1.09	5.00	5.08	3.73	2.39	3.62	1.95	3.24	4.05	5.39	44.21	59.60	4.7
435	HERBERT	E-3	TVA	1660	4	2.83		6.32		5.69		4.89		3.05		3.65		8.99		2.63		5.18		1.45		2.61		#2.80		#50.09		---
436	FALLS CREEK PARK	E-3	TVA	1700	4	2.50		4.86		4.33		5.31		3.06		2.90		8.82		1.13		5.15		1.60		3.50		2.88		46.04		8.0
532	BLEDSOE STATE FOREST	E-3	TVA	1700	4	2.50		4.35		4.60		4.90		2.90		3.00		7.80		2.45		5.40		1.30		----		2.65		-----		---
437	ROCKY RIVER	E-3	TVA	900	4	2.29		4.25		6.25		5.00		3.50		3.50		7.17		1.99		4.49		1.85		1.85		3.05		45.19		---
439	DIBRELL	E-3	TVA	950	4	1.33		2.91		6.36		4.03		3.82		2.18		6.04		2.07		5.40		0.91		2.55		2.94		40.54		3.1
440	IRVING COLLEGE	E-3	TVA	1050	4	1.09		3.98		#4.54		5.24		2.53		2.69		5.93		2.37		3.89		1.00		1.74		3.23		#38.23		0.0
441	ALTAMONT	E-3	TVA	1920	4	2.58		5.22		6.65		5.71		2.16		5.14		7.45		2.73		5.10		1.72		2.08		3.84		50.38		1.5
442	TROUSDALE	D-3	TVA	980	4	1.63		3.83		5.56		4.41		2.61		1.21		3.71		2.09		4.44		1.16		2.45		3.19		36.29		T
443	SUMMITVILLE (R)	0-3	TVA	1120	4	1.59		3.95		5.76		4.67		2.38		1.36		6.04		2.22		5.36		0.92		2.08		3.10		39.43		---
444	LIBERTY	D-2	USWB	672	43	1.47	5.08	1.69	4.16	7.59	5.82	4.06	4.70	7.90	4.06	2.49	5.46	2.19	4.90	3.35	4.42	6.95	3.34	1.61	3.20	1.72	3.72	3.49	5.00	44.51	53.86	5.5
445	COOKEVILLE	E-2	USWB	1117	29	0.96	5.52	1.87	3.94	8.96	5.32	4.54	4.77	5.59	4.30	2.95	4.54	3.68	4.50	3.49	4.62	5.85	3.20	2.26	3.35	1.27	3.79	3.85	5.11	45.27	52.96	13.2
	TENNESSEE RIVER - WATTS BAR TO CHICKAMAUGA																															
90	CHICKAMAUGA DAM	E-4	TVA	700	8	2.44	5.20	3.09	4.68	7.42	5.25	5.09	4.85	1.93	3.21	4.14	4.36	4.59	5.55	1.86	3.82	5.56	2.12	2.13	2.59	1.23	2.46	2.98	5.52	42.46	49.61	0.0
430	OOLTEWAH	E-4	TVA	800	4	1.84		2.90		6.76		3.95		1.26		2.96		5.39		5.14		4.37		2.31		1.12		3.02		41.02		T
393	LEWIS CHAPEL	E-3	TVA	1850	6	2.47	3.81	3.65	6.06	5.78	5.84	5.36	4.47	1.65	2.95	5.38	5.08	7.84	5.96	2.80	4.70	5.42	1.93	1.43	1.72	2.22	3.07	2.83	5.49	46.83	51.08	3.6
420	MORGANTOWN	E-3	TVA	740	4	2.77		3.62		5.81		5.73		1.48		4.47		4.94		2.97		5.11		2.20		2.13		2.55		43.78		0.4
92	MORGAN SPRINGS	E-3	TVA	1900	9	3.57	6.45	4.05	5.42	5.27	5.66	5.84	5.24	1.64	3.68	2.54	4.43	5.37	6.03	2.27	6.36	4.58	1.99	2.03	3.73	2.80	3.57	2.80	5.16	42.76	57.72	3.0
155	DECATUR	F-3	USWB	850	49	2.84	4.76	3.50	4.85	6.82	5.87	5.08	4.84	2.70	4.20	4.81	4.67	5.88	5.01	1.61	4.36	4.72	3.20	2.92	3.31	1.93	3.72	2.50	6.05	45.31	54.84	0.2
156	BREEDENTON	F-3	USWO	700	9	2.56	5.60	3.72	5.14	6.52	5.70	5.41	4.94	2.39	3.78	4.90	4.16	5.27	5.65	1.14	5.52	4.21	1.98	2.97	3.25	2.19	3.15	2.56	4.90	43.84	53.77	T
494	PORTER LAKE	F-3	TVA	725	4	2.80		3.65		6.82		4.92		1.82		1.50		3.74		0.30		2.95		2.47		2.20		2.47		35.64		0.0
	TENNESSEE RIVER - KNOXVILLE TO WATTS BAR																															
421	WATTS BAR DAM (R)	F-3	TVA	825	4	2.55		4.26		6.09		5.02		1.98		1.05		4.27		0.52		#3.22		2.46		1.91		2.22		#35.55		---
421a	WATTS BAR DAM	F-3	TVA	800	4	2.78		4.59		6.47		5.26		2.10		1.22		4.74		0.58		3.46		2.62		2.15		2.50		38.47		T
157	RODDY (R)	F-3	TVA	800	9	3.26	5.12	4.51	4.91	4.74	5.14	5.10	4.27	2.75	3.54	1.46	3.34	3.78	6.33	0.69	3.80	4.00	2.09	1.91	2.90	1.98	3.08	2.63	5.30	36.81	49.82	---
479a	ROCKWOOD	F-3	PRIVATE	910	23	3.31	5.26	4.75	5.46	5.83	5.36	5.87	4.25	3.10	4.39	1.94	4.52	5.06	4.62	0.86	3.38	3.64	3.76	2.18	2.12	2.26	4.39	2.60	4.84	41.40	52.35	T
427	RIDDLES STORE	F-3	TVA	980	4	2.48		4.22		6.00		4.75		1.96		1.83		7.23		1.77		3.75		4.55		1.65		2.64		42.83		T
170	LOUDON	F-3	USWB	840	53	2.00	4.38	5.15	4.36	5.21	5.03	3.71	4.62	2.50	3.77	3.78	4.58	8.02	4.33	2.68	4.44	3.74	3.38	3.97	3.13	1.97	3.44	2.49	5.62	45.22	51.08	1.9
426	LENOIR CITY	F-3	TVA	800	4	2.07		6.20		4.93		3.93		3.40		1.99		8.73		1.28		3.30		3.44		1.88		2.89		44.04		1.8
490	FORT LOUDOUN DAM (R)	F-3	TVA	790	4	1.83		5.97		5.01		3.79		3.14		1.86		8.16		1.55		3.12		3.32		1.75		2.52		42.02		---
617	LOUISVILLE (NEAR)	0-3	TVA	865	1	2.12		STATION DISCONTINUED FEBRUARY 12, 1943																						-----	-----	---
637	U. S. COTTON FIELD STA.	G-3	USDA	885	9	2.17	4.71	6.17	4.07	5.04	5.25	3.94	3.98	2.77	3.31	3.92	3.27	9.71	6.62	2.02	3.87	3.36	1.98	3.12	2.38	1.44	2.68	2.69	3.71	46.35	45.83	---
409	KNOXVILLE AIRPORT (R)	0-3	USWB	995	6	2.09	4.66	4.83	4.51	5.17	5.05	3.48	4.14	2.88	3.75	3.55	4.10	9.29	4.36	1.48	3.92	3.41	2.68	3.70	2.62	2.02	3.07	2.33	4.52	44.23	47.38	6.0
205	ALCOA	0-3	ALCOA	900	29	2.38	4.86	5.02	4.77	6.41	5.30	3.55	4.20	3.20	3.86	3.57	4.55	8.19	4.85	1.83	4.31	3.50	2.58	3.11	2.70	1.81	3.34	2.53	4.95	45.10	50.27	---
394	PROVIDENCE	G-3	TVA	1100	6	2.17	3.01	3.91	3.90	6.04	5.10	#2.67	3.04	2.80	2.90	4.49	3.86	8.38	6.28	3.05	4.37	3.58	2.49	2.26	2.02	1.46	2.27	2.06	3.62	#42.87	42.86	1.0
497	WALLAND	G-3	TVA	930	4	2.91		3.62		6.33		3.50		3.27		3.50		10.59		2.56		4.31		2.39		1.31		2.52		46.81		3.6
206	ELKMONT	G-3	USWB	2200	18	3.99	5.82	2.93	5.28	6.01	6.74	3.49	5.18	5.55	5.78	6.14	5.59	12.35	6.33	4.36	5.87	2.97	3.46	2.08	3.94	1.69	3.92	#2.77	5.54	#54.33	63.45	10.0
473	UNIV. TENN. FARM (R)	G-3	U OF T	800	6	1.94	2.76	5.98	4.95	4.50	4.79	3.64	4.11	2.81	3.67	3.85	4.28	10.73	7.72	3.66	4.24	3.33	1.91	2.94	1.94	1.75	2.56	2.43	3.74	47.56	46.67	---
473a	U.T.FARM LYSIMETER PLOT	G-3	U OF T	850	24	1.92	4.19	6.11	4.72	4.70	5.15	3.90	4.35	2.81	4.00	4.24	4.38	11.36	5.54	3.79	4.53	3.26	2.64	2.99	2.68	1.70	3.30	2.42	4.86	49.20	50.34	---
207	KNOXVILLE	G-2	USWB	1035	73	2.07	4.66	5.75	4.51	4.44	5.05	3.69	4.14	3.01	3.75	4.98	4.10	10.07	4.36	3.34	3.92	2.95	2.68	2.83	2.62	1.69	3.07	2.42	4.52	47.24	47.38	---
425	ARLINGTON	G-2	TVA	980	4	2.70		6.30		4.68		4.45		3.03		4.21		9.06		1.75		3.00		3.56		2.47		2.18		47.39		2.0
	CLINCH RIVER BELOW NORRIS DAM																															
158	KINGSTON	F-3	USWB	760	60	3.26	[illegible]	2.87	4.41	5.15	5.41	3.28	4.62	1.51	3.82	2.60	4.54	----	4.89	----	3.95	----	3.38	----	3.02	----	3.45	----	5.43	-----	51.47	---
484	HARRIMAN (R)	F-2	TVA	810	22	3.01	4.14	3.82	5.00	4.76	5.96	5.25	4.91	4.56	3.76	2.52	4.35	2.61	6.11	0.59	3.40	4.65	2.96	2.58	2.66	2.62	3.51	2.65	4.65	39.62	51.41	---
419	OAKDALE	F-2	TVA	900	4	2.67		3.37		5.05		4.67		4.70		2.31		2.15		1.17		2.30		2.30		1.99		#2.50		#35.18		---
159	HEBBERTSBURG	F-2	TVA	1800	9	3.19	4.86	3.53	4.79	5.68	4.88	5.11	4.52	2.53	3.32	3.17	3.78	5.48	6.46	3.99	5.09	3.72	2.25	2.00	2.77	2.51	3.24	2.33	4.77	43.24	50.73	11.8
418	FRANKFORT (RADIO)	F-2	TVA	1500	4	2.3		#3.2		5.2		6.2		2.8		4.3		5.6		1.9		2.5		2.0		1.0		2.8		#39.8		---
160	PILOT MOUNTAIN	F-2	TVA	1400	9	1.44	4.29	3.87	4.05	5.65	4.75	4.80	3.85	3.30	3.25	4.20	3.69	2.50	5.14	3.02	4.83	4.03	2.07	1.75	2.35	2.29	2.61	2.83	4.18	39.68	45.06	3.5
485	SUNBRIGHT (R)	F-2	USWB	1480	4	1.99		3.51		5.84		----		2.74		5.94		3.49		2.69		2.85		2.57		1.69		----		-----		---
417	CROSSVILLE	E-2	TVA	1850	4	2.45		4.04		5.81		5.48		2.53		2.65		4.21		1.98		4.05		1.58		2.28		2.84		39.90		4.8
163	CROSSVILLE (NEAR)	F-3	USWB	1860	32	2.50	4.99	4.17	4.65	5.53	5.92	6.48	4.79	3.28	4.10	2.45	4.52	2.39	5.62	2.50	4.55	5.31	3.30	2.28	3.17	1.57	3.34	2.04	5.24	40.50	54.19	10.5
507	LANTANA (R)	E-3	TVA	1910	3	3.61		3.64		5.44		5.12		2.90		2.07		3.40		0.40		4.77		1.87		2.74		2.97		38.93		---
164	CLARKRANGE	E-2	TVA	1800	9	2.15	4.70	2.86	3.79	7.09	4.93	#5.48	4.23	2.69	3.61	3.81	4.15	4.29	5.40	2.61	4.42	3.04	2.28	1.98	2.42	2.52	2.93	3.04	4.36	#41.56	47.22	6.1
165	MONTEREY	E-2	USWB	1890	11	1.92	5.56	3.44	4.89	7.88	6.20	5.51	4.68	3.49	4.22	6.01	5.11	3.38	5.60	4.57	5.72	6.10	3.21	2.41	3.24	2.49	3.54	3.86	5.20	51.06	57.17	9.1
606	MORGAN STATE FOREST	F-2	TVA	1100	1	4.23		5.42		6.52		4.97		5.75		4.59		6.33		4.05		4.09		2.97		3.79		3.60		56.31		---
167	PETROS	F-2	TVA	1400	9	3.54	5.72	4.25	4.97	5.28	5.42	5.03	4.80	3.97	3.43	3.09	4.00	6.00	6.17	3.62	5.64	4.77	2.30	2.97	3.19	2.89	3.67	2.57	5.35	47.98	54.66	0.6
166	CONCORD	G-3	TVA	1000	9	1.28	4.35	4.08	4.19	4.10	4.68	4.12	3.86	2.27	3.28	2.91	3.46	6.91	5.56	2.51	3.11	1.62	1.58	2.93	2.11	2.10	3.08	2.45	3.84	37.28	43.10	1.2
508	PAULETTE	0-2	TVA	1050	3	2.90		3.98		5.27		4.02		2.89		2.26		7.24		2.02		3.65		3.66		2.73		2.27		42.89		2.9
168	CLINTON	G-2	USWB	800	60	3.88	4.69	3.67	4.58	5.56	5.51	4.37	4.50	2.95	3.68	2.02	5.16	9.68	5.00	2.91	4.57	6.47	3.18	3.16	2.77	2.85	3.39	2.42	5.32	49.94	52.35	2.0
169	TVA NURSERY	G-2	TVA	850	10	3.38	5.10	4.17	4.60	5.57	5.28	4.53	4.46	3.63	3.78	2.40	3.43	8.49	6.13	2.72	3.64	6.11	2.20	3.33	2.89	2.62	3.16	2.55	4.10	49.50	48.77	1.1
424	LAKE CITY	G-2	TVA	860	4	3.22		3.80		6.65		4.90		5.83		3.02		5.20		2.89		5.78		5.00		1.72		#2.27		#50.28		T

(#) Interpolated or partly interpolated. (R) Recording station.

TENNESSEE VALLEY AUTHORITY

MONTHLY AND ANNUAL PRECIPITATION—1943—Continued

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	CLINCH RIVER ABOVE NORRIS DAM																															
321	NORRIS	G-2	TVA	1050	10	3.62	4.63	3.73	4.16	5.27	5.10	4.81	4.41	3.56	3.55	4.59	3.92	6.77	5.18	3.10	3.21	6.33	1.98	3.10	2.36	1.80	2.80	2.07	3.90	48.75	45.20	---
322	NORRIS EVAP. STATION(R)	G-2	TVA	1020	8	RAIN GAGE REESTABLISHED OCTOBER 1, 1943																		2.96	2.44	1.87	2.99	2.16	3.28	-----	-----	---
323	NORRIS DAM	G-2	TVA	875	10	3.83	4.62	3.33	4.27	6.88	5.61	4.31	3.92	3.81	3.56	3.74	3.61	5.11	4.82	3.85	4.25	5.26	2.02	2.95	2.24	2.01	2.87	2.33	3.97	47.41	45.76	---
584	TURLEY	F-2	TVA	1400	2	4.77		2.07		#5.80		5.87		5.88		4.91		4.27		1.57		3.44		2.33		1.63		2.20		#44.74		---
371	VASPER	G-2	TVA	990	7	3.61	3.54	3.78	4.70	5.78	5.07	5.04	4.03	4.23	3.12	2.08	3.64	5.86	5.66	3.20	4.17	5.40	2.28	2.60	1.71	2.22	2.78	3.03	4.36	46.83	45.06	0.1
325	LAFOLLETTE	G-2	TVA	1060	10	3.53	3.60	3.24	3.84	5.37	4.44	4.23	4.00	3.94	3.15	4.92	4.44	7.87	5.35	3.09	4.86	4.62	1.97	2.69	2.10	1.55	2.65	3.03	3.61	48.08	44.01	2.0
523	ELK VALLEY (NEAR)	F-2	USWB	1250	4	2.12		4.14		6.33		4.48		4.23		3.41		6.35		3.59		5.58		2.28		1.87		2.47		46.85		---
423	WESTBOURNE	G-2	TVA	1340	4	2.58		3.67		6.48		4.57		3.69		3.31		4.02		2.20		3.45		3.09		1.65		2.38		41.09		---
326	WELL SPRING	G-2	TVA	1040	7	#3.00	3.24	#3.50	3.86	#5.90	4.69	3.98	3.67	3.57	3.58	3.28	4.12	8.34	4.76	3.22	3.91	3.19	1.96	2.22	2.35	1.65	2.18	2.45	3.72	#44.30	42.04	---
327	WHITE HOLLOW (R)	G-2	TVA	1525	9	3.41	4.44	3.80	3.81	7.03	4.93	3.72	3.51	1.86	3.00	3.87	3.14	9.29	4.72	2.74	3.16	3.29	1.41	3.08	2.11	1.75	2.64	2.10	3.67	45.94	40.54	---
327a	WHITE HOLLOW (R)	G-2	TVA	1300	6	3.52	3.19	3.94	4.21	7.25	5.17	4.14	3.85	2.18	3.12	3.87	3.84	10.91	6.44	3.42	3.98	3.83	1.95	3.26	1.96	1.79	2.60	2.26	3.68	50.37	43.99	---
327b	WHITE HOLLOW (R)	G-2	TVA	1460	6	3.48	3.22	3.73	3.89	6.61	4.90	3.96	3.72	2.22	3.00	5.12	3.79	10.02	5.99	2.82	3.78	3.42	1.82	3.15	1.84	1.70	2.55	2.15	3.56	48.38	42.06	---
331	BIG BARREN (R)	G-2	TVA	1470	9	3.22	4.40	3.55	3.77	5.09	4.49	3.50	3.26	2.26	2.74	2.26	2.44	2.75	4.27	2.29	3.40	2.38	1.45	3.51	2.15	1.98	2.44	2.51	3.81	35.30	38.62	---
563	WALKERS FORD	G-2	TVA	1040	4	3.37		3.60		4.17		3.61		1.85		1.96		5.31		4.55		#2.62		3.17		1.70		2.26		#38.17		---
333	ARTHUR	G-2	TVA	1150	9	3.99	5.20	3.65	4.02	5.91	4.84	4.39	3.71	3.52	3.20	1.90	4.05	4.71	6.38	4.10	4.22	3.29	2.29	3.19	2.39	2.28	2.76	2.76	3.91	43.69	46.97	5.5
534	LINCOLN MEM. UNIV.	G-2	TVA	1400	4	4.43		3.52		5.98		4.50		3.63		----		----		----		6.12		STATION DISCONTINUED						-----	-----	---
422	PRUDEN	G-2	TVA	1320	4	2.86		2.24		5.62		4.44		3.61		2.41		4.88		----		----		----		----		----		-----		---
334	MIDDLESBORO	G-1	USWB	1128	50	2.98	4.72	3.06	4.02	5.87	5.24	5.11	4.48	4.66	4.02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	---
334a	MIDDLESBORO NO. 2 (R)	G-1	USWB	1134	3	2.98	4.72	3.06	4.02	5.46	5.24	----	----	----	----	5.15	4.62	3.52	4.90	----	----	2.68	3.19	----	----	1.35	3.52	----	----	-----	-----	---
335	TAZEWELL, TENN.(NEAR)	G-2	TVA	1250	39	3.05	4.44	3.85	4.19	5.44	5.22	3.91	4.36	2.53	4.26	2.16	4.38	5.29	4.32	3.04	4.96	3.28	3.23	2.73	2.97	1.86	3.03	2.65	4.85	39.79	50.21	5.3
336	BIG SYCAMORE (R)	N-2	TVA	2300	9	2.51	4.46	3.30	3.74	4.59	4.89	3.37	3.48	2.72	3.10	1.82	3.50	7.51	5.46	2.52	3.96	1.62	1.52	2.22	2.19	1.80	2.27	1.95	3.30	35.93	41.87	---
337	SNEEDVILLE (NEAR)	H-2	TVA	1380	9	1.50	4.38	4.24	4.42	5.10	4.68	5.88	4.15	2.82	3.10	3.30	4.47	6.03	6.15	1.56	3.74	2.45	2.20	3.98	2.33	1.80	2.43	3.12	3.82	41.78	45.87	5.4
338	ROSE HILL	H-1	TVA	1475	10	3.99	5.35	2.82	4.00	6.29	5.36	4.93	4.15	3.04	3.54	4.53	5.14	7.26	6.49	6.11	4.95	2.30	2.36	2.98	2.57	2.59	2.74	2.32	3.70	49.16	50.35	4.8
487	BAXTER (R)	H-1	USWB	1175	4	2.35		3.02		5.92		3.95		2.63		3.09		3.93		3.50		2.47		3.57		1.51		----		-----		---
339	JONESVILLE	N-1	TVA	1400	9	3.20	4.68	2.97	3.91	5.35	5.09	4.04	3.98	3.46	3.14	3.69	5.02	4.62	6.81	4.47	4.43	2.34	2.22	2.26	2.42	2.35	2.55	2.53	3.76	41.28	48.01	2.3
339a	JONESVILLE (NEAR) (R)	N-1	VPI	1530	4	3.49		2.86		5.20		4.19		3.01		3.91		4.61		2.93		2.29		1.90		1.96		2.56		38.91		---
340	PENNINGTON GAP	H-1	USWB	1600	12	3.45	5.33	3.02	4.54	6.23	5.53	4.57	4.32	2.72	3.29	3.17	4.33	5.67	5.83	3.37	4.09	2.11	1.73	2.39	2.71	2.21	2.67	2.39	4.14	41.30	48.51	6.5
341	OLINGER	H-1	TVA	1400	9	3.57	4.68	#2.71	3.52	5.23	4.97	4.03	3.73	2.01	3.51	4.75	4.66	3.16	6.08	1.04	3.96	2.11	2.05	2.62	2.67	1.80	2.25	2.23	3.36	#35.26	45.44	6.0
499	BIG STONE GAP (R)	H-1	VPI	1550	4	3.43		2.54		5.65		4.16		2.47		4.06		3.14		3.00		2.66		2.26		2.18		2.21		37.76		---
342	DUNBAR, VIRGINIA	H-1	TVA	2000	9	3.25	4.41	2.82	3.54	5.72	4.90	4.93	3.83	2.47	3.52	6.18	5.12	6.82	6.81	1.18	4.80	2.69	2.33	3.07	2.79	1.20	2.39	2.39	3.37	42.72	47.81	19.1
359a	CUMBERLAND (NEAR)	H-1	TVA	1725	1	3.01		4.12		7.03		4.75		3.69		4.50		4.85		2.45		2.41		2.60		2.41		2.83		44.65		2.2
344	HIGH KNOB (R)	H-1	TVA	4150	9	4.83	5.37	2.12	4.17	5.90	5.51	4.10	4.01	3.33	3.47	8.64	5.86	4.61	7.35	2.28	6.48	2.59	2.47	3.85	3.34	2.02	2.53	2.68	3.26	46.95	53.82	---
348	CLINCHPORT	H-1	TVA	1275	46	2.61	4.44	2.78	4.03	4.39	4.99	4.15	3.84	2.42	4.07	4.57	4.56	3.33	4.97	1.65	4.67	2.86	3.35	2.69	2.74	2.08	2.92	2.87	4.62	36.40	49.20	3.6
349	DUNCANNON	J-1	TVA	2500	9	2.29	3.93	2.36	3.29	5.26	3.91	3.21	3.12	2.73	2.54	7.69	4.42	4.04	6.21	0.70	4.28	1.91	2.30	2.00	2.59	1.50	2.17	2.73	3.06	36.42	41.82	2.5
350	DANTE	J-1	USWB	1900	27	2.90	3.94	2.99	3.42	4.96	4.84	3.70	4.14	3.63	5.24	9.16	4.96	4.90	5.44	0.97	4.94	2.15	3.98	2.20	3.04	1.21	2.97	1.84	3.91	40.61	50.82	13.6
350a	DANTE (R)	J-1	USWB	1900	4	3.03		2.49		5.22		3.02		3.40		8.23		3.58		1.03		2.23		2.01		1.26		1.75		37.25		---
351	CLEVELAND	J-1	TVA	1525	10	2.58	3.74	2.55	3.08	4.91	4.09	2.52	3.20	3.13	3.25	8.30	4.54	4.98	6.48	1.57	5.86	1.98	2.39	2.27	2.63	1.38	2.55	2.14	2.79	38.31	44.60	5.5
352	HONAKER (NEAR)	J-1	TVA	2400	9	2.69	3.58	2.13	3.18	3.91	3.72	2.53	2.96	3.78	2.98	4.42	4.65	4.73	6.21	1.61	4.61	2.68	2.68	2.25	3.14	1.70	2.37	2.28	2.95	34.71	43.03	13.9
614	HONAKER (R)	J-1	TVA	1950	2	2.46		2.13		4.07		2.35		4.56		4.86		4.13		1.45		2.26		2.27		1.51		1.93		33.98		---
353	SWORDS CREEK	J-1	TVA	2000	9	2.12	3.51	2.53	3.01	4.24	3.96	2.18	3.31	4.75	3.59	2.38	4.03	4.32	6.37	1.66	4.34	2.25	2.57	2.25	2.73	1.45	2.00	2.35	2.67	32.48	42.09	13.1
354	MUTTERS GAP	J-1	TVA	3925	9	2.62	4.22	2.88	3.63	4.95	4.21	2.77	3.17	6.89	3.82	4.89	4.91	5.00	6.41	3.13	5.70	3.38	3.17	2.86	3.26	2.09	2.70	2.50	3.08	43.96	48.28	35.8
355	SPRING CREEK (R)	K-1	TVA	3150	9	1.91	2.74	1.69	2.26	2.84	2.78	1.12	1.66	6.06	2.90	1.25	3.91	3.07	5.70	4.39	4.88	3.28	2.93	1.65	2.16	1.35	1.42	1.30	2.00	29.91	35.34	---
356	JEWELL RIDGE	K-1	TVA	2750	9	2.69	3.28	2.15	2.91	4.81	3.94	2.59	3.15	3.98	3.30	3.21	5.20	7.51	6.18	1.56	4.55	1.80	2.38	2.47	2.99	1.63	2.28	2.20	2.71	36.60	42.87	16.7
357	TAZEWELL, VIRGINIA	K-1	TVA	2450	9	2.85	2.88	2.24	2.61	#3.78	3.64	2.33	2.49	5.16	3.50	2.87	3.67	4.37	5.60	1.05	2.99	3.01	2.59	1.90	2.38	1.78	1.75	2.26	2.54	#33.60	36.64	26.6
357a	TAZEWELL (NEAR) (R)	K-1	VPI	2250	4	2.50		1.88		3.78		2.33		4.97		3.31		4.09		0.53		2.29		2.07		2.06		#2.42		#32.23		---
	HOLSTON RIVER																															
395	STRAWBERRY PLAINS	G-2	TVA	900	6	1.93	2.72	5.40	4.45	4.22	4.45	3.66	3.14	2.57	2.62	1.84	3.94	7.39	5.90	1.66	3.32	2.61	1.62	2.20	1.85	0.82	2.08	2.09	3.43	36.39	39.52	1.0
289	JOPPA	G-2	TVA	1000	9	2.67	4.96	4.28	4.17	5.96	4.95	4.06	4.53	2.65	3.11	2.78	3.63	5.87	5.04	2.85	4.31	3.68	1.88	3.35	2.44	1.81	2.40	2.38	3.41	42.34	44.83	1.0
498	MILL SPRING	G-2	TVA	1080	3	2.22		4.61		4.05		3.87		2.92		2.96		6.40		5.84		3.46		1.92		2.03		2.81		43.09		2.0
489	CHEROKEE DAM	G-2	TVA	1000	4	2.35		4.65		4.12		3.77		2.60		4.06		6.08		5.88		3.06		1.84		2.45		2.83		43.69		---
486	JEFFERSON CITY (NR)(R)	G-2	USWB	1200	22	2.01	4.51	4.86	3.69	#3.80	4.42	4.45	3.92	2.68	3.60	2.84	3.66	4.46	5.19	5.27	4.40	2.79	2.34	1.87	2.99	2.37	2.36	2.29	4.36	#39.69	45.44	---
579	CARSON NEWMAN EVAP.STA.	G-2	TVA	1200	2	2.06		5.01		3.95		4.40		3.06		2.47		5.86		5.36		2.91		2.00		2.63		2.77		42.48		1.5
290	MORRISTOWN (NEAR)	H-2	TVA	1325	9	2.84	4.64	4.87	4.08	5.28	5.13	3.90	3.77	3.54	3.38	5.77	3.37	5.13	6.47	1.53	4.87	3.63	2.36	2.36	2.42	2.25	2.73	4.04	3.86	45.14	47.08	7.0
368	MORRISTOWN	R-2	USWB	1285	7	2.38	3.01	4.25	3.70	#4.94	5.10	3.90	3.74	3.01	3.58	6.53	4.22	6.34	7.02	1.43	3.70	3.39	2.34	#2.36	1.95	1.56	2.42	#4.04	3.90	#44.13	44.68	---
346	FLAT GAP	H-2	TVA	2000	9	3.72	4.58	4.04	3.76	5.02	4.10	3.90	3.54	1.98	2.76	2.81	3.18	5.19	5.77	4.32	4.20	3.26	2.13	1.90	2.26	1.91	2.32	4.17	3.57	42.22	42.17	---
291	ROGERSVILLE	R-2	USWB	1096	60	2.13	3.86	3.87	3.71	4.04	4.58	3.13	3.57	2.45	3.74	3.15	4.17	5.57	4.65	2.04	3.99	3.44	2.83	2.12	2.63	1.83	2.59	2.38	4.22	36.15	44.54	3.4
347	LITTLE WAR GAP	H-2	TVA	2000	9	3.00	4.46	3.35	3.66	5.56	5.16	4.09	3.79	2.38	2.98	3.68	3.36	5.54	5.97	3.02	3.81	3.16	2.59	1.90	2.45	1.89	2.38	2.81	3.60	40.38	44.21	4.8
516	STANLEY KNOBS (R)	N-2	TVA	1250	3	2.75		3.10		4.64		3.53		2.20		4.19		3.99		3.94		3.23		2.28		1.78		2.34		37.97		---
292	STONEY POINT	H-2	TVA	1175	9	2.97	4.08	3.90	3.69	4.35	4.46	3.77	3.37	2.34	2.87	6.02	4.32	5.21	5.79	1.69	3.31	3.12	2.37	1.59	2.37	2.14	2.43	2.71	3.17	39.81	42.23	3.1
535	KINGSPORT RESERVOIR	J-2	TVA	1870	7	2.32		3.74		#3.69		2.79		2.50		2.97		4.45		2.08		4.12		1.96		1.61		2.77		#35.00		---
293	KINGSPORT	J-2	USWB	1270	22	2.44	4.10	3.32	3.72	3.85	3.94	2.67	3.94	2.98	4.80	2.21	4.27	5.03	4.89	2.27	4.19	2.67	2.56	2.87	2.85	1.41	2.87	2.84	4.43	34.56	46.56	6.6
376	TRI-CITY AIRPORT	J-2	USWB	1560	6	2.91	2.50	3.22	2.56	5.42	3.60	1.99	2.40	3.84	2.94	4.53	3.97	3.83	6.75	3.10	4.19	2.52	2.51	1.81	1.64	1.47	1.77	2.47	2.64	37.11	37.47	1.0
376a	TRI CITY AIRPORT (R)	J-2	USWB	1560	4	3.15		3.22		5.42		1.96		3.80		4.48		3.85		2.77		2.52		1.59		1.22		2.70		36.68		---
294	CEDAR CREEK	J-2	TVA	1750	9	2.67	3.99	3.16	3.22	5.24	4.58	2.50	3.06	3.31	2.95	3.14	3.45	3.84	6.33	0.67	3.31	4.11	2.91	2.15	2.56	1.40	2.23	3.53	3.07	35.72	41.66	11.0
398	JOHNSON CITY	J-2	TVA	1650	26	3.75	3.24	3.60	3.23	5.59	4.28	2.53	3.26	4.78	3.85	3.57	4.15	3.86	4.56	1.76	4.45	4.50	2.77	2.46	2.60	1.53	2.41	3.83	3.53	41.76	42.33	8.5
416	JOHNSON CITY VET.HOSP.	J-2	TVA	1730	4	3.32		3.79		5.02		2.22		4.79		2.91		4.83		1.83		3.52		2.41		1.39		4.22		40.25		14.5
295	ELIZABETHTON NO. 1	J-2	USWB	1542	10	2.88	3.41	2.81	3.10	5.30	4.24	2.35	3.38	3.89	4.09	4.29	4.79	6.82	4.75	1.82	4.92	2.73	3.21	1.21	2.76	1.89	2.15	#3.30	3.52	#39.29	44.32	6.5
295a	ELIZABETHTON NO. 2	J-2	TVA	1525	53	3.21	3.41	2.93	3.10	5.52	4.24	2.38	3.38	4.06	4.09	4.10	4.79	6.33	4.75	2.26	4.92	2.83	3.21	1.48	2.76	2.00	2.15	3.63	3.52	40.73	44.32	8.7
225	STONE MOUNTAIN	J-2	TVA	2600	10	3.82	5.20	3.90	4.28	3.87	5.41	3.05	3.58	4.29	3.85	4.49	4.81	6.26	8.21	3.98	5.31	5.12	3.14	2.52	2.69	2.33	2.86	3.42	3.72	47.05	53.06	27.2
296	WILBUR HYDRO	J-2	ETP	1700	16	3.92	3.96	3.30	3.47	5.94	5.02	2.61	4.28	4.84	4.58	5.45	4.73	9.39	4.92	1.19	5.29	4.48	2.87	1.20	2.76	1.85	2.31	3.97	3.61	48.14	47.80	---

(#) Interpolated or partly interpolated. (R) Recording station.

TENNESSEE VALLEY AUTHORITY

MONTHLY AND ANNUAL PRECIPITATION—1943—Continued

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	HOLSTON RIVER (CONT'D)																															
596	WATAUGA DAM	J-2	TVA	1745	2	3.31		3.26		5.82		2.41				STATION DISCONTINUED APRIL 30, 1943														-----	-----	---
297	COLESVILLE	J-2	TVA	2290	9	3.04	3.67	3.08	3.42	4.43	3.64	1.74	2.22	3.55	3.30	4.32	3.92	4.27	5.56	4.35	4.71	5.29	3.42	1.14	2.49	1.64	2.09	4.42	3.13	41.27	41.57	15.0
491	BUTLER (R)	J-2	TVA	1830	4	3.66		3.23		4.24		2.26		3.23		3.49		7.15		0.87		5.20		1.09		1.55		3.52		39.49		---
298	DOOMVILLE	J-2	TVA	2760	9	3.07	3.66	3.39	3.49	4.19	4.17	2.13	2.81	5.04	3.61	2.88	4.91	6.05	7.57	2.66	4.56	4.31	3.17	1.43	2.47	1.99	2.27	3.16	2.88	40.10	45.57	18.5
299	BANNER ELK	J-2	USWB	3550	35	4.17	3.72	3.04	3.78	3.12	5.33	4.94	4.24	4.54	4.85	4.15	5.37	10.16	6.26	1.52	5.85	3.67	4.43	1.22	4.91	1.82	2.60	2.68	4.59	45.03	55.93	14.8
299a	BANNER ELK NO. 2	J-2	TVA	3720	2	4.00		3.05		4.01		4.98		5.07		4.85		10.23		2.28		#3.70		2.08		1.86		#3.00		#49.11		23.7
608	MEADOWS	J-2	TVA	2700	1	2.1		3.1		2.1		1.3		1.9		4.9		6.06		1.44		3.98		1.11		1.77		2.36		32.12		---
300	REESE	J-2	TVA	3320	9	3.59	3.60	3.68	3.50	4.48	3.88	3.24	3.07	4.42	4.13	3.41	4.27	6.72	7.09	3.31	4.85	4.78	3.38	1.48	2.85	1.86	2.52	3.57	3.01	44.54	46.15	34.0
607	MAST (RADIO)	K-2	TVA	2670	1	3.9		2.9		2.6		2.4		1.8		1.9		5.1		1.0		#4.0		1.0		2.1		2.8		#31.5		---
301	MOUNTAIN CITY	K-2	TVA	2410	34	3.42	3.78	2.81	3.66	2.97	4.32	2.61	3.72	4.79	3.93	4.41	4.50	4.89	5.57	1.99	5.12	3.02	3.35	1.19	2.78	1.75	2.35	3.54	3.70	37.39	46.78	16.6
609	TRADE (RADIO)	K-2	TVA	3530	1	3.5		3.2		3.7		2.6		2.2		2.0		4.7		1.7		3.2		0.9		1.8		2.4		31.9		---
302	SNAKE MOUNTAIN	K-2	TVA	5575	9	2.50	2.34	1.33	1.85	2.17	2.16	1.82	2.12	2.86	3.00	2.46	3.77	6.89	6.74	3.04	4.79	4.69	2.86	1.20	2.23	1.66	2.11	#1.52	1.77	#32.14	35.74	---
303	BOONE	K-2	USWB	3332	14	4.28	4.59	2.18	3.19	3.70	5.48	4.47	4.63	5.08	4.65	3.56	3.98	6.63	6.06	1.46	5.02	2.75	4.35	0.93	5.73	2.77	4.49	1.56	4.20	39.37	56.37	24.5
632	BLOWING ROCK	K-2	USWB	-	-	STATION ESTABLISHED JUNE 8, 1943												----		2.45		2.75		0.95		3.18		2.70		-----		---
304	PARKER	K-2	USWB	3950	25	3.99	4.20	3.97	3.50	5.68	4.60	3.75	3.90	4.58	3.90	4.63	5.90	5.69	5.20	1.77	5.80	6.27	3.60	1.39	3.30	2.03	2.20	3.71	3.60	47.46	49.70	46.6
305	JEFFERSON	K-2	USWB	2900	35	4.25	3.20	3.26	3.40	3.44	4.20	4.82	3.80	2.95	4.40	1.83	5.00	5.48	4.90	0.24	5.20	1.19	4.20	0.13	3.90	1.30	2.60	1.06	4.20	29.95	49.00	11.6
306	BLUFF CITY	J-2	TVA	1400	48	2.86	3.56	3.19	3.46	4.88	4.31	2.82	3.46	3.31	3.83	#5.00	4.28	5.84	5.31	2.10	4.64	5.47	2.87	1.80	2.74	1.70	2.44	3.59	3.75	#42.56	44.65	9.7
495	BRISTOL	J-2	TVA	1750	24	2.79	2.61	3.84	3.30	4.55	4.47	2.16	3.02	3.37	3.49	3.92	4.36	4.31	5.24	0.83	4.07	3.18	2.44	1.79	2.21	2.04	2.87	3.04	3.21	35.82	41.29	---
307	WALLACE	J-1	TVA	1875	9	1.84	3.90	2.99	2.89	3.30	3.29	1.69	2.53	3.71	2.56	3.12	3.90	#3.40	5.16	0.00	4.09	2.84	2.98	1.04	2.38	1.48	2.04	1.63	2.75	#27.04	38.47	---
604	ABINGDON	J-1	TVA	2000	1	2.64		2.84		3.87		2.09		4.07		4.66		2.56		2.07		2.60		1.69		1.84		2.30		33.23		---
597	SOUTH HOLSTON DAM	J-2	TVA	1535	2	3.92		3.16		4.94		1.83		4.50		3.64		2.94		1.17		----		1.70		2.34		----		-----		7.2
616	MCQUEENS KNOB (RADIO)	J-2	TVA	3885	1	#3.0		2.7		3.2		#0.9		#3.9		4.0		5.4		2.1		3.9		2.1		2.3		3.5		#37.0		---
308	CRANDULL	J-2	TVA	3300	9	3.47	4.26	3.11	3.58	5.62	4.20	2.66	3.24	6.53	4.59	4.15	4.56	4.86	6.70	2.45	5.11	#4.90	3.39	2.30	3.04	2.28	2.52	4.96	3.23	#47.29	48.42	31.5
309	DAMASCUS	K-1	USWB	1935	17	3.82	3.11	3.47	3.57	4.52	4.13	2.37	3.60	5.97	4.28	6.26	3.96	4.57	5.48	0.89	4.52	2.40	3.20	1.32	2.48	2.34	2.29	3.53	2.66	41.46	43.28	17.3
615	SKULLS GAP (RADIO)	K-1	TVA	3500	1	3.4		3.9		4.8		2.3		4.8		2.3		#4.5		1.5		2.9		1.0		1.5		1.7		#34.6		---
557	FEATHERCAMP TOWER	K-1	USFS	3900	4	----		----		----		2.34		----		----		---		---		---		---		2.01		---		-----		---
310	LOVES MILL	K-1	TVA	2040	9	2.92	3.65	3.03	2.66	4.44	3.41	2.00	2.68	4.84	3.21	2.72	4.00	3.82	6.11	5.41	4.62	2.66	2.66	1.30	2.34	2.43	2.02	2.91	2.56	38.48	39.92	19.0
408	SUGAR GROVE	K-1	USFS	2680	5	3.46		2.24		3.99		3.09		5.59		1.95		5.81		2.91		2.61		1.03		2.95		3.07		38.70		---
311	TROUT DALE	K-1	TVA	3520	9	3.75	4.01	3.23	3.38	4.83	4.68	3.52	3.35	5.71	3.62	2.54	4.76	4.64	6.32	2.14	5.04	2.10	3.19	1.49	2.72	2.51	2.50	4.00	3.17	40.46	46.74	---
311a	TROUT DALE (R)	K-1	USWB	3120	4	3.91		3.39		4.38		4.64		4.49		2.76		5.43		2.63		2.08		1.04		----		----		-----		---
312	MARION	K-1	TVA	2150	37	2.56	3.48	2.53	3.52	3.51	3.95	1.81	3.28	5.00	3.70	5.60	4.78	4.38	4.36	3.41	4.28	1.76	2.97	1.12	2.65	1.47	2.41	2.64	3.34	35.79	42.72	14.0
613	GROSECLOSE	K-1	TVA	2550	1	3.32		2.39		4.02		2.49		4.68		2.31		4.15		2.17		2.80		0.81		1.96		2.36		33.46		23.5
313	WYTHEVILLE (R)	K-1	USWB	2299	70	3.06	3.08	1.56	2.99	3.17	3.44	2.56	2.99	4.15	3.66	2.29	4.20	2.74	4.00	2.07	4.19	1.26	3.30	0.90	2.84	2.02	2.14	2.17	2.92	27.95	39.75	---
314	BIG KNOB (R)	J-1	TVA	3200	9	2.27	3.78	2.27	3.19	3.98	3.87	2.47	2.90	2.59	2.58	2.37	2.47	4.63	5.53	1.96	3.55	2.23	2.47	2.57	2.36	1.58	2.06	2.62	2.92	31.54	37.68	---
315	MENDOTA	J-1	TVA	1350	39	2.38	4.16	2.93	3.78	4.92	4.95	2.60	3.89	3.63	4.04	4.49	4.94	3.25	4.71	1.74	4.42	2.72	3.28	2.61	2.98	1.80	2.86	2.78	4.12	35.85	48.13	2.5
316	HOLSTON	J-1	TVA	3450	9	2.76	3.66	3.13	3.00	2.25	3.45	1.48	2.85	2.73	3.13	3.25	3.69	2.70	5.85	2.71	4.46	0.90	2.38	2.88	3.21	1.30	2.20	2.20	2.82	28.29	40.70	16.8
492	MEADOWVIEW	J-1	TVA	1860	4	3.22		2.94		4.28		1.73		5.07		5.16		3.89		3.57		2.58		1.42		1.92		2.99		38.77		---
317	EMORY	J-1	USWB	2115	18	2.88	3.89	2.02	3.59	5.07	4.68	1.70	3.61	4.87	3.98	3.78	3.86	----	4.60	3.60	5.21	----	2.68	1.00	2.68	2.24	2.30	4.16	3.33	-----	44.41	9.0
500	GLADE SPRINGS(NEAR)(R)	K-1	VPI	2200	14	3.46	2.52	2.35	2.24	4.03	3.31	1.58	2.07	#4.80	3.29	3.60	3.70	4.89	5.70	4.55	5.20	2.83	2.37	1.21	2.58	2.33	1.71	2.76	2.38	#38.39	37.07	---
318	SALTVILLE	K-1	USWB	1735	29	2.69	3.72	2.51	3.72	3.99	4.41	1.96	3.68	4.66	3.89	4.48	5.09	4.05	4.72	2.72	4.25	2.49	3.24	1.45	3.08	1.99	2.52	2.68	4.29	35.67	46.61	7.8
318a	SALTVILLE	K-1	TVA	1725	4	2.72		2.47		4.05		2.00		4.61		4.24		3.89		3.40		2.64		1.22		2.03		2.68		35.95		---
319	NEBO	K-1	TVA	2425	9	3.55	3.53	3.73	2.62	4.65	4.40	2.82	2.52	4.04	2.81	3.31	3.95	3.24	4.61	2.23	3.98	2.55	2.13	0.95	2.63	1.20	2.10	3.35	2.39	35.62	37.67	24.5
320	BURKES GARDEN	K-1	USWB	3250	49	2.40	3.61	2.56	3.44	3.78	4.58	3.23	3.76	4.99	4.29	4.46	4.83	4.04	4.40	1.22	4.42	2.59	3.42	1.44	3.21	2.05	2.76	2.67	3.75	35.43	46.47	33.5
	HIWASSEE RIVER BELOW HIWASSEE DAM																															
93	BIG SPRING	F-3	TVA	750	10	1.05	5.34	2.63	4.73	6.81	5.25	4.99	4.86	2.36	3.66	3.82	3.94	7.08	5.25	2.53	5.27	4.69	2.39	2.60	2.98	1.45	2.86	3.32	4.62	43.93	51.15	T
94	GEORGETOWN	F-4	TVA	850	10	2.14	5.23	3.21	4.63	6.66	5.42	4.47	4.29	3.27	3.31	3.12	3.27	6.86	5.07	4.00	4.33	3.88	1.86	2.49	2.42	1.24	2.59	3.02	4.34	44.36	46.76	T
429	CLEVELAND	F-4	TVA	880	4	2.37		3.44		6.74		4.49		2.23		1.18		4.62		4.06		3.66		2.82		1.25		3.26		40.12		T
97	RICEVILLE (R)	F-3	TVA	780	10	1.87	5.06	3.39	4.45	5.73	5.17	4.39	4.43	3.02	3.80	3.75	3.90	7.09	5.18	2.69	4.40	4.19	1.88	3.29	2.52	1.22	2.85	2.71	4.67	43.36	48.31	---
428	ATHENS	F-3	TVA	940	4	1.61		3.65		5.93		4.12		3.37		2.83		6.10		2.25		4.49		4.18		1.27		2.86		43.66		1.0
98	CHARLESTON	F-4	USWB	709	60	2.04	4.51	3.22	4.74	6.05	5.85	4.22	4.83	2.33	4.50	3.42	4.80	7.16	4.40	3.89	4.02	4.32	3.05	2.60	3.39	1.05	3.34	3.00	5.69	43.30	53.12	0.3
98a	CHARLESTON	F-4	TVA	730	9	#2.09	3.42	3.33	4.06	6.15	5.21	4.52	4.39	2.54	3.12	3.85	3.91	6.98	6.07	3.65	4.22	4.45	1.70	2.68	1.68	1.23	2.55	2.63	4.72	#44.10	45.05	0.0
99	PARKSVILLE	F-4	TVA	750	18	2.36	4.50	3.29	4.36	7.20	5.72	3.21	4.04	3.48	4.40	3.09	5.44	7.79	5.01	3.00	3.86	4.57	3.02	2.12	2.79	1.08	3.26	3.07	5.48	44.26	52.48	---
627	CONASAUGA	F-4	USED	-	-	EST. 1-23-43		2.86		7.19		3.55		2.06		3.83		10.08		1.41		4.62		2.42		1.27		3.63		-----		0.5
100	OCOEE NO. 2	F-4	TVA	860	24	2.87	4.34	3.68	4.22	7.86	5.41	3.30	4.77	5.50	4.17	3.76	4.54	8.48	5.04	3.93	4.01	5.23	3.14	2.11	3.01	1.02	3.36	3.60	5.30	51.34	51.31	---
101	SASSAFRAS KNOB (R)	F-4	TVA	3300	10	3.26	6.03	2.93	4.91	8.09	5.80	4.00	5.20	3.80	3.52	2.58	4.12	9.06	6.76	4.57	5.29	4.74	2.23	2.72	2.72	1.09	3.25	2.96	5.13	49.80	54.96	---
104	STANSBURY GAP (R)	F-4	TVA	2150	10	3.20	5.04	2.82	4.07	7.06	5.15	3.36	4.35	3.24	3.31	4.01	3.88	8.96	6.06	2.32	4.62	4.07	2.22	1.84	2.15	1.11	2.53	3.23	4.20	45.22	47.58	---
106	ISABELLA (R)	F-4	TVA	1780	10	4.48	5.13	2.60	4.04	6.90	5.18	3.32	4.29	3.15	3.44	5.22	4.33	8.04	5.90	2.00	4.00	4.95	1.82	2.06	2.44	1.16	2.49	3.07	4.16	46.95	47.22	---
501	DUCKTOWN STA. (R)	F-4	TVA	1650	4	3.78		2.65		7.05		3.73		2.59		5.60		7.17		2.37		4.44		1.82		0.99		2.84		45.03		---
501a	DUCKTOWN (R)	F-4	TVA	1600	-	4.24		2.77		6.70		3.16		2.75		4.98		6.80		3.27		4.45		1.89		0.97		2.76		44.74		---
502	BOYD GAP (R)	F-4	TVA	1520	4	3.79		3.40		7.96		3.86		3.43		4.16		8.48		3.91		4.25		2.30		1.06		3.12		49.72		---
107	COPPERHILL	F-4	USWB	1520	30	5.49	5.28	3.16	4.70	7.27	5.28	3.93	4.95	2.67	4.09	3.66	4.22	7.28	5.22	2.29	4.34	5.36	3.41	1.78	2.90	1.06	3.22	3.21	5.96	47.16	53.57	T
431	COPPERHILL NO. 2	F-4	TVA	1600	8	4.64	5.85	2.45	4.34	6.87	5.39	4.70	4.60	2.60	3.36	4.14	4.92	7.64	6.44	2.65	4.95	5.08	2.37	2.07	2.34	1.01	2.07	2.84	4.93	46.69	51.56	0.0
108	PATTERSON GAP	F-4	TVA	1850	9	6.63	7.54	5.41	6.49	8.04	6.76	4.61	5.44	3.28	3.30	3.83	5.14	11.51	7.68	5.39	5.85	6.82	2.66	2.63	2.88	1.63	3.67	4.25	5.71	64.04	63.12	3.0
571	BIGDONS STORE (RADIO)	F-4	TVA	1900	3	3.9		3.9		#8.1		4.0		2.2		3.1		6.5		4.8		5.6		2.9		1.5		3.0		#49.5		---
109	FLAT TOP (R)	F-4	TVA	3650	10	6.35	9.27	6.07	7.37	11.43	8.08	5.39	6.82	3.69	4.66	6.23	5.99	10.81	9.11	3.47	6.66	8.59	3.53	3.66	3.45	2.32	5.06	5.08	7.37	73.09	77.37	4.5
634	COLES CROSSING (RADIO)	F-4	TVA	1900	-	STATION ESTABLISHED JULY 20, 1943														1.8		5.4		1.7		1.2		3.2		-----	-----	---
110	BLUE RIDGE RES.	F-4	TVA	1560	14	4.93	5.28	3.76	4.83	7.34	5.47	2.78	5.39	2.35	4.34	2.33	4.30	6.91	5.46	1.97	4.17	5.62	3.41	1.52	2.73	1.24	3.10	3.34	6.80	44.09	55.28	---
111	STANLEY GAP (R)	F-4	TVA	2300	10	4.42	6.21	4.22	5.24	8.49	6.00	3.43	5.59	2.51	3.09	2.09	4.28	6.82	6.78	2.21	5.05	4.96	2.28	1.81	2.41	1.91	3.43	4.20	5.41	47.67	55.77	---
633	DIAL P. O. (RADIO)	F-4	TVA	1900	-	STATION ESTABLISHED JULY 21, 1943														3.9		3.8		1.0		1.8		2.0		-----	-----	---
112	NOONTOOTLA CREEK	F-4	TVA	2050	10	4.76	6.04	3.95	5.43	9.86	6.41	3.82	5.57	4.21	3.37	2.81	4.29	7.64	7.10	3.09	6.07	5.24	2.48	1.34	2.54	1.95	3.14	3.42	4.95	52.09	57.39	0.5
113	MARGRET	G-4	TVA	2050	10	5.51	6.07	3.97	5.15	7.95	5.97	3.47	5.61	3.62	3.34	3.87	4.47	9.21	6.81	5.60	5.96	4.30	2.43	2.55	2.58	1.50	2.93	3.81	4.86	55.36	56.18	T

(#) Interpolated or partly interpolated. (R) Recording station.

TENNESSEE VALLEY AUTHORITY

MONTHLY AND ANNUAL PRECIPITATION—1943—Continued

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	HIWASSEE RIVER BELOW HIWASSEE DAM (CONT'D)																															
114a	COOPERS CREEK	G-4	TVA	2100	9	4.90	7.11	#3.74	5.64	9.68	6.08	3.47	5.49	3.85	3.48	2.90	4.32	6.15	6.90	4.69	6.06	4.24	3.30	2.02	2.62	1.75	3.04	3.30	5.42	#50.69	59.46	0.1
115	SUCHES	G-4	TVA	2800	10	5.95	8.06	4.95	6.76	10.03	7.33	6.10	6.60	5.70	4.71	4.33	5.03	13.84	7.59	2.66	7.61	4.57	3.71	3.19	3.75	2.60	5.16	4.22	6.82	68.14	73.13	T
116	COLUMBUS	F-4	TVA	750	10	2.91	5.06	4.04	4.39	#6.98	5.27	3.80	4.52	2.12	3.03	1.79	3.22	8.78	5.27	2.17	4.60	5.17	2.32	2.78	2.46	1.25	2.71	2.94	4.06	#44.73	46.91	0.5
117	ETOWAH	F-3	USWB	880	18	3.01	3.62	3.97	4.54	7.13	5.63	3.13	4.11	1.83	4.28	1.63	3.48	8.37	4.80	3.42	3.96	5.45	2.88	2.34	3.05	1.50	4.30	2.06	5.73	43.84	50.38	0.9
119	SERVILLA	F-4	TVA	1050	10	3.08	5.79	4.03	4.76	6.48	5.59	3.99	4.84	3.41	3.24	2.55	3.27	7.37	6.23	2.04	5.09	4.83	1.94	2.99	2.39	1.10	3.17	3.47	4.42	45.34	50.73	0.5
120	COKER CREEK	F-4	TVA	1650	10	2.94	5.68	3.87	4.74	7.70	6.26	4.23	4.81	4.07	3.58	4.02	4.13	8.42	6.12	4.03	4.67	4.59	2.14	2.54	2.32	1.35	3.06	2.86	4.27	50.62	51.78	2.0
638	APALACHIA POWERHOUSE	F-4	TVA	880	-	STATION ESTABLISHED NOVEMBER 1, 1943																				1.38		3.34		-----	-----	---
121	TURTLETOWN	F-4	TVA	1600	10	2.71	5.67	#3.22	4.88	8.65	6.09	5.11	4.71	2.73	3.45	3.78	4.41	9.77	5.97	1.21	4.53	5.18	1.97	2.35	2.55	1.86	2.65	3.74	4.44	#50.31	51.32	T
122	HARBUCK	F-4	TVA	1680	10	4.55	6.29	2.90	4.69	7.81	5.75	4.51	4.95	2.90	3.35	3.77	3.73	10.23	6.53	2.26	4.53	4.38	2.00	2.16	2.76	0.90	2.80	3.40	4.87	49.77	52.25	T
575	FARNER	F-4	TVA	1650	3	3.02		4.08		8.00		4.36		3.40		4.10		8.14		1.32		4.92		2.41		1.20		3.69		48.64		1.0
575a	APALACHIA DAM (R)	F-4	TVA	1176	2	2.83		3.99		8.39		4.44		3.75		4.74		9.16		1.92		5.23		2.42		0.96		3.02		50.85		---
	HIWASSEE RIVER ABOVE HIWASSEE DAM																															
125	HIWASSEE DAM (R)	G-4	TVA	1500	7	3.79	4.22	2.84	4.43	6.91	6.01	3.97	4.06	2.68	4.01	3.15	6.06	9.86	6.72	1.36	4.08	3.65	2.01	1.46	1.90	1.16	2.40	3.19	4.43	44.02	50.33	---
125a	HIWASSEE DAM NO. 2	G-4	TVA	1310	4	3.85		3.58		7.48		3.84		3.25		3.11		9.68		1.50		4.18		1.73		1.41		3.41		47.02		---
126	BEAVERDAM CREEK	G-4	TVA	2250	10	4.83	6.94	5.00	5.68	9.93	7.50	5.22	5.69	5.40	4.27	3.75	5.37	12.42	7.48	5.93	6.69	5.72	3.15	2.81	3.16	2.02	3.82	3.98	5.61	67.01	65.36	8.6
127	LETITIA	G-4	TVA	1800	7	5.96	4.19	3.70	4.51	8.16	5.76	3.51	4.07	2.60	4.10	5.23	5.03	9.15	6.64	2.05	4.41	5.65	2.25	1.92	2.10	1.51	2.62	3.48	4.69	52.92	50.37	3.4
128	RANGER	C-4	TVA	1600	8	4.74	5.03	3.07	4.73	7.68	5.62	3.45	4.93	2.27	3.62	5.05	4.49	7.68	6.32	2.48	4.17	4.92	2.67	2.08	2.11	1.43	2.25	3.64	5.06	48.49	51.00	T
129	SWEET GUM (R)	F-4	TVA	1800	10	4.57	5.60	3.16	4.61	6.87	5.51	2.94	5.14	2.03	3.00	3.45	4.55	6.89	5.90	2.68	4.81	5.77	2.39	1.98	2.09	1.29	2.68	3.26	4.54	44.89	50.82	---
573	NOTTELY DAM	G-4	TVA	1740	3	5.27		2.54		7.77		3.33		2.71		3.73		6.45		2.98		5.11		1.64		1.29		3.46		46.28		---
130	IVYLOG	C-4	TVA	1950	10	5.40	5.26	2.99	4.41	8.02	5.48	3.49	4.84	3.50	3.02	5.24	4.40	7.87	5.83	2.59	4.95	5.01	2.22	1.72	2.29	1.42	2.61	3.60	4.20	50.85	49.51	3.0
577	SPILO	G-4	TVA	1970	3	5.5		2.0		5.6		3.2		2.3		5.5		6.46	STATION DISCONTINUED AUGUST 17, 1943											-----	-----	---
131	HEMPTOWN GAP	G-4	TVA	2100	10	6.38	4.25	2.95	4.54	7.61	5.31	2.49	4.77	2.70	3.29	2.78	3.89	5.06	6.72	2.72	4.74	4.79	2.25	1.56	2.44	1.35	2.67	3.03	3.92	43.42	48.79	2.0
132	YOUNGCANE (RADIO)	C-4	TVA	1900	7	#6.0	4.0	3.6	4.4	6.6	5.2	2.6	3.6	1.9	3.0	4.6	4.2	4.4	6.5	3.6	5.4	4.7	2.4	1.6	2.1	1.6	1.9	3.4	3.8	#44.6	46.5	---
133	BLAIRSVILLE	G-4	USWB	1938	11	5.44	5.58	3.55	5.04	7.00	4.95	3.60	4.03	3.10	4.22	4.30	3.66	5.75	5.61	1.57	4.98	#4.65	3.06	1.05	3.51	1.75	2.59	2.86	5.57	44.62	52.80	---
570	CHOESTOE (RADIO)	G-4	TVA	1900	3	4.6		3.1		7.1		3.6		5.1		3.6		7.5		2.8		3.8		1.5		1.9		3.1		47.7		---
134	MULKY GAP	G-4	TVA	2150	9	5.92	6.38	4.15	5.42	8.35	6.00	3.75	5.47	3.14	3.62	5.98	4.16	5.62	7.40	3.23	6.07	4.02	2.95	1.71	2.67	1.90	3.20	3.12	4.98	50.89	58.32	1.5
135	NEEL GAP (R)	G-4	TVA	3300	10	5.63	7.12	3.41	5.94	8.32	6.26	4.54	5.76	5.08	3.69	6.86	4.66	6.78	7.06	2.21	8.19	5.38	3.62	2.69	3.37	2.20	4.20	3.71	6.15	56.81	66.02	---
136	MURPHY EVAP. STA. (R)	G-4	TVA	1575	10	5.63	5.55	3.50	4.65	7.88	5.84	3.73	4.99	3.92	3.51	3.17	4.46	10.12	6.14	2.81	4.47	5.14	2.46	2.14	2.23	1.55	2.66	3.80	4.58	53.39	51.54	---
137	MURPHY	G-4	USWB	1590	67	6.86	5.15	3.35	4.97	7.41	6.02	3.52	4.32	3.70	4.43	3.32	5.08	9.92	5.09	2.76	5.15	4.66	3.44	2.16	3.27	1.47	3.46	3.31	5.63	52.44	56.01	0.5
138	TOMOTLA	G-4	TVA	1600	8	4.99	5.29	#4.94	5.30	6.72	6.06	3.89	5.12	4.25	3.83	3.45	4.67	10.49	7.56	2.06	5.77	3.88	2.84	2.30	2.52	1.61	2.44	4.08	4.97	#52.66	56.37	1.5
139	BOILING SPRING	G-4	TVA	2200	7	4.94	4.88	4.35	5.08	8.74	7.27	5.83	4.95	4.44	4.19	4.19	6.48	11.58	7.81	5.61	6.41	5.10	2.89	2.90	2.58	1.81	3.00	4.50	5.86	63.99	61.40	5.6
140	HYATT CREEK	G-4	TVA	2500	10	4.77	7.91	5.81	6.56	7.74	7.89	5.06	6.16	5.01	4.71	6.26	5.88	11.90	7.87	4.00	7.29	6.40	3.04	2.19	3.55	1.84	3.19	4.61	6.30	65.59	70.35	7.6
141	ANDREWS	G-4	USWB	1825	28	6.20	5.40	4.31	5.50	7.79	6.60	4.01	4.70	5.41	5.00	4.51	5.10	11.89	6.10	2.03	5.00	4.96	3.80	1.54	3.40	1.65	4.00	4.09	6.80	58.39	61.40	2.3
362	TEYAHALEE BALD (R)	G-4	TVA	4750	6	5.70	5.24	4.94	5.24	7.50	6.99	3.69	4.66	4.86	4.51	3.66	6.20	9.60	8.40	2.71	5.51	4.69	2.81	2.20	1.83	2.13	3.49	4.00	5.59	55.68	60.47	---
143	PEACHTREE CREEK	C-4	TVA	1800	9	6.14	5.94	3.53	4.97	8.29	6.05	4.02	5.08	3.20	3.64	4.72	4.99	11.18	7.04	1.34	4.94	4.87	3.12	1.95	2.61	1.69	2.99	3.78	4.82	54.71	56.19	1.3
400	BRASSTOWN	G-4	USFS	1650	6	5.92	4.14	3.33	4.80	8.83	5.69	3.60	3.00	3.09	2.76	6.45	5.07	8.20	7.42	1.57	4.34	4.37	2.54	2.07	1.48	1.30	2.47	3.53	4.49	52.26	48.20	---
144	ANDREWS P.P.	G-4	NP.CO.	1670	13	5.20	4.52	2.59	3.82	7.04	4.98	2.80	4.02	2.70	2.67	6.59	4.23	10.88	7.02	1.26	4.14	3.77	2.22	1.50	2.28	1.05	2.23	2.97	3.54	48.35	45.67	---
145	WARNE	G-4	TVA	1850	10	6.36	5.35	2.82	4.24	7.12	5.23	3.35	4.46	3.08	3.07	9.16	4.74	6.69	6.31	1.65	4.82	4.35	2.40	1.37	2.39	1.46	2.32	3.56	3.77	50.97	49.10	1.1
146	YOUNG HARRIS (RADIO)	G-4	TVA	1900	7	7.0	4.0	4.2	4.6	7.6	5.3	3.5	3.3	2.4	3.4	6.4	5.1	6.9	6.6	1.4	5.6	3.8	2.2	1.6	2.2	2.6	2.2	2.6	3.8	50.0	48.3	---
147	BRASSTOWN BALD (R)	G-4	TVA	4780	10	6.48	6.43	3.33	4.92	7.80	5.87	3.81	5.44	5.26	3.91	5.81	4.42	9.41	7.23	3.15	7.12	4.73	3.89	2.89	3.61	2.17	3.68	3.94	5.34	58.78	61.86	---
148	OLD ROAD GAP (R)	G-4	TVA	3800	10	6.85	7.87	5.26	6.64	9.90	7.41	4.87	5.61	4.98	4.04	3.58	4.41	12.22	7.88	3.63	6.30	4.76	3.06	2.56	3.30	2.53	4.35	5.21	6.26	66.35	67.13	---
149	HAYESVILLE	G-4	TVA	1850	8	6.47	5.17	3.62	4.87	8.47	5.71	4.28	4.63	3.44	3.52	7.02	5.01	9.77	7.18	0.78	5.01	4.68	2.80	2.03	2.46	1.62	2.14	4.06	5.20	56.24	53.70	1.4
150a	SHOOTING CREEK	G-4	TVA	2000	10	7.86	5.83	3.85	4.71	7.70	5.44	3.62	4.47	4.03	3.57	4.44	4.65	6.95	6.89	2.64	4.96	4.27	2.66	1.75	2.66	1.80	2.70	3.05	3.89	51.96	52.43	---
572	CHATUGE DAM	G-4	TVA	1930	3	6.52		3.09		7.28		3.53		2.51		5.66		7.93		0.85		4.59		1.65		1.36		3.66		48.63		---
151	HIAWASSEE	C-4	TVA	1980	10	5.20	4.65	4.32	4.59	8.26	5.60	#3.48	4.90	3.01	3.32	4.72	4.08	8.00	7.36	1.06	4.96	3.52	3.08	1.97	2.79	2.52	2.87	3.88	4.41	#49.94	52.61	0.7
152	GLADE GAP (R)	G-4	TVA	3800	10	7.98	6.65	4.53	5.48	8.77	6.28	3.88	4.88	3.96	4.31	4.81	4.73	10.32	8.18	1.72	6.25	5.05	3.27	1.70	2.90	2.00	3.35	4.17	5.07	58.89	61.35	---
574	TITUS (RADIO)	G-4	TVA	2300	3	4.5		3.0		6.2		4.2		3.2		2.6		6.9		1.0		3.1		2.4		1.7		3.5		42.3		---
153	LITTLE HIGHTOWER	G-4	TVA	2150	10	#4.17	5.48	3.61	4.87	#6.93	5.76	5.42	5.28	4.60	3.69	3.35	4.90	10.81	7.55	3.20	5.97	3.35	3.47	2.37	3.45	2.05	3.63	3.08	5.25	#52.94	59.30	1.0
569	MOUNTAIN SCENE (RADIO)	G-4	TVA	2090	3	5.2		3.4		7.5		6.7		4.7		6.1		11.1		2.2		4.3		2.6		2.4		3.0		59.2		---
154	TRAY MOUNTAIN (R)	G-4	TVA	3900	10	7.46	6.58	3.64	5.62	8.53	6.34	6.56	6.36	4.91	4.46	4.25	4.40	11.69	7.81	3.58	9.63	5.72	4.20	4.44	4.09	3.08	4.33	3.46	6.47	67.32	70.29	---
	LITTLE TENNESSEE RIVER																															
172	MADISONVILLE	F-3	USWB	900	10	2.06	4.79	#3.90	4.29	6.98	6.05	4.91	4.52	4.39	3.52	3.77	3.48	7.66	4.88	1.95	4.40	3.45	2.27	3.40	2.58	1.43	2.98	2.82	3.73	#46.72	47.49	---
171	MCGHEE	G-3	USWB	850	39	2.44	4.42	3.93	4.33	6.04	5.18	4.10	4.30	3.04	3.86	4.30	4.34	9.58	4.70	1.36	3.98	4.10	3.32	3.07	2.96	1.32	3.25	2.87	5.24	46.15	49.88	0.5
173	KITTIE	C-3	TVA	1000	9	3.53	5.26	2.66	3.95	7.41	5.56	2.89	4.17	3.14	3.82	3.71	2.87	5.27	5.04	3.35	4.85	2.96	1.68	2.43	2.29	1.62	3.00	2.55	3.52	41.52	46.01	1.0
174	TELLICO PLAINS	F-3	USWB	880	16	4.09	4.35	3.64	4.30	7.95	5.47	3.75	4.52	3.90	4.32	7.12	5.08	7.96	5.45	3.22	4.95	3.42	3.16	3.48	3.08	1.58	3.30	2.97	5.70	53.08	53.68	2.0
374	TELLICO RANGER STA.	F-3	USFS	1100	6	----		----		5.77		3.35		----		----		----		----		----		----		----		----		-----		---
175	MINT	C-3	TVA	1100	9	2.81	5.36	4.11	4.63	6.85	5.44	4.01	4.08	2.87	3.57	3.71	3.48	7.54	6.47	2.63	6.04	4.82	2.31	3.29	2.65	1.64	2.81	2.42	4.05	46.70	50.89	3.0
176	CALDERWOOD	G-3	AC OF A	950	14	3.00	4.51	2.97	4.51	7.07	5.66	2.90	4.47	3.75	4.01	2.49	4.08	7.34	6.15	5.03	6.16	2.32	2.28	2.26	2.97	0.88	2.41	1.90	4.07	41.99	51.28	---
177	CADES COVE	G-3	TVA	1770	9	3.61	5.65	3.92	4.63	7.40	5.71	4.02	4.69	3.46	3.68	5.34	5.02	13.50	7.56	4.01	5.88	3.26	2.31	2.08	2.72	1.50	2.67	2.73	3.99	54.83	54.51	7.5
536	CADES COVE NO. 3	G-3	DSDI	1800	4	#3.72		3.75		7.59		3.61		2.78		5.04		14.54		3.47		3.41		2.50		1.32		2.25		#53.98		---
178	CHEOAH	G-3	AC OF A	1110	19	3.55	4.89	3.59	4.91	6.44	6.12	3.95	4.60	3.61	4.15	4.02	4.50	9.68	6.34	3.83	5.53	2.65	2.69	1.32	2.98	1.22	2.44	2.71	4.86	46.57	54.01	---
179	HAW KNOB (R)	G-3	TVA	4900	9	4.80	7.47	6.61	6.30	9.26	7.21	3.85	5.89	5.33	4.96	6.49	6.42	12.24	9.90	2.34	8.12	5.76	3.53	2.71	3.38	1.92	4.29	3.17	6.06	64.48	73.53	---
180	SANTEETLAH	G-3	AC OF A	1950	16	4.13	5.43	3.94	5.20	7.39	5.80	4.04	4.47	3.03	3.48	4.44	3.73	11.16	5.80	4.35	5.14	4.10	2.14	1.60	2.62	1.67	2.84	3.07	5.44	52.92	52.09	---
550	SANTEETLAH GAP	G-3	USWB	2650	3	4.71		4.50		7.05		3.10		3.93		3.91		11.25		5.25		5.13		2.19		1.85		4.46		57.33		---
592	FONTANA DAM (R)	G-3	TVA	1300	2	4.63		3.61		6.44		3.74		3.52		5.80		11.87		3.20		3.76		1.37		1.27		2.25		51.46		---
181	PROCTOR	G-3	TVA	2400	9	4.55	6.62	4.75	5.39	7.28	5.92	4.60	4.71	3.84	3.54	6.79	4.20	11.90	8.04	1.92	4.65	4.11	2.43	1.20	2.56	1.24	2.74	2.65	4.62	54.83	55.42	16.3
182	STECOAH	G-3	TVA	2350	9	5.17	6.58	4.68	5.39	7.36	5.93	3.89	4.89	3.97	3.67	3.87	4.67	10.83	7.94	3.03	4.30	2.73	2.72	1.64	2.49	1.66	2.74	3.28	4.59	52.11	55.91	4.5
183	NOLAND CREEK	G-3	TVA	2400	9	4.81	6.01	4.37	5.26	6.87	5.70	3.92	4.40	5.60	3.87	5.17	4.25	10.63	6.75	2.49	4.80	4.03	2.64	1.88	2.66	1.70	2.90	2.58	4.78	54.05	54.02	---
184	CLINGMAN'S DOME (R)	G-3	TVA	6400	9	6.21	8.98	7.15	7.39	10.03	7.69	7.00	6.59	7.20	5.06	6.24	6.13	13.96	10.07	4.23	8.97	4.82	4.03	4.28	4.19	2.85	4.81	4.46	6.56	78.43	80.47	---

(#) Interpolated or partly interpolated. (R) Recording station.

TENNESSEE VALLEY AUTHORITY

MONTHLY AND ANNUAL PRECIPITATION—1943—Continued

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	LITTLE TENNESSEE RIVER (CONT'D)																															
185	BRYSON CITY	G-3	TVA	1800	55	6.07	4.79	3.90	4.93	6.22	6.06	3.42	4.47	5.11	4.42	2.61	4.91	10.56	5.13	1.49	4.72	3.92	3.48	1.62	3.11	1.62	3.13	2.74	5.66	49.28	54.81	0.5
185a	BRYSON CITY (R)	G-3	TVA	1900	2	5.50		3.66		5.53		2.92		5.34		2.07		9.54		1.41		3.80		1.21		1.56		2.29		44.83		---
525a	ELA (NEAR)	R-3	NP.CO.	1830	3	6.36		4.40		6.06		3.43		6.33		1.77		12.08		2.77		3.77		1.28		1.78		2.47		52.50		---
542	CHEROKEE	H-3	USDI	2020	6	6.49		4.75		6.37		3.65		4.24		2.87		10.84		2.12		#3.90		1.19		2.10		2.65		#51.17		---
186	SMOKEMONT (NEAR)	H-3	USWB	2480	12	5.39	6.31	4.38	5.40	7.43	6.57	4.46	4.49	4.63	4.32	5.09	4.12	10.25	7.40	3.22	5.85	3.99	2.78	2.18	2.87	1.94	3.19	3.45	4.90	56.41	58.20	---
599	BIG COVE (RADIO)	H-3	TVA	2620	1	5.8		5.2		6.5		4.4		3.4		1.7		8.3		1.9		3.6		1.3		1.7		2.3		46.1		---
187	SPRUCE MOUNTAIN (R)	H-3	TVA	4800	10	5.42	6.70	5.16	4.95	7.26	5.78	4.62	4.20	5.33	3.60	5.62	4.19	9.43	7.51	1.28	5.80	2.92	2.71	2.17	2.83	2.57	3.33	2.39	4.38	54.17	55.98	---
377	JACK COVE	H-3	TVA	2100	6	5.37	4.42	3.86	4.73	6.67	5.51	3.39	2.81	4.20	3.59	5.18	4.26	7.67	7.30	2.35	4.21	2.51	2.89	1.12	1.21	1.24	2.24	2.39	3.98	45.95	47.15	T
188	DICKS CREEK	H-3	TVA	3150	9	5.81	5.96	4.34	4.71	6.78	5.40	3.08	3.83	4.69	3.84	5.09	4.10	9.94	7.96	3.11	5.14	2.50	2.69	1.39	2.34	1.61	2.69	2.58	4.13	50.92	52.79	4.0
543	DILLSBORO	H-3	TVA	1990	3	4.35		3.70		6.85		3.38		4.53		4.92		6.35		2.00		2.15		1.65		1.00		2.30		43.18		---
249a	BALSAM	R-3	TVA	3250	2	6.42		4.38		6.20		3.59		5.63		3.39		8.36		2.97		2.60		1.08		1.85		2.68		49.15		1.7
189	CULLOWHEE	H-4	USWB	2100	33	5.08	3.90	3.37	3.20	5.60	5.20	2.65	3.60	2.54	3.60	6.33	4.00	7.17	4.20	1.36	4.00	3.09	3.50	1.31	2.70	1.57	2.20	2.38	4.20	42.45	44.30	2.2
544	PARKER GAP (RADIO)	H-4	TVA	3780	3	7.2		2.9		o.0		4.6		3.0		6.0		4.3		3.8		2.8		2.1		2.1		2.8		47.6		---
190	HAYWOOD GAP (R)	H-3	TVA	5250	10	7.12	6.04	3.86	4.68	6.81	5.53	5.20	4.55	4.54	4.11	9.48	4.76	7.01	8.32	2.46	8.33	4.99	3.40	1.70	3.32	1.85	3.22	2.60	4.88	57.62	61.14	---
191	OWEN'S GAP	H-4	TVA	4100	10	5.25	7.32	4.19	5.78	8.06	5.99	7.01	6.01	6.52	4.50	7.78	5.79	7.70	8.05	#5.82	9.62	4.30	4.46	1.55	3.96	2.40	4.14	3.15	6.36	#63.73	71.98	4.0
564a	GLENVILLE PW. HOUSE	H-4	NP.CO.	-	3	6.55		3.88		6.37		3.49		3.14		4.95		7.08		2.92		3.82		1.34		1.92		2.49		47.95		---
564	GLENVILLE DAM	H-4	NP.CO.	3550	3	6.66		3.62		7.20		3.91		3.63		4.66		7.12		4.93		4.47		1.52		2.00		2.68		52.40		---
192	ERASTUS	H-4	TVA	3500	9	7.28	6.34	3.76	5.66	7.55	5.99	4.42	4.79	3.86	3.97	5.10	4.15	9.69	7.80	3.75	7.23	6.01	3.86	1.83	2.91	2.02	3.50	2.71	5.14	57.98	61.34	2.9
626	NORTON	H-4	NP.CO.	3700	-	EST.	2-1-43	3.84		9.22		4.90		4.12		9.02		10.38		2.83		4.02		2.04		2.56		3.46		-----		---
509	LAUREL MOUNTAIN (R)	H-4	TVA	4200	3	5.94		4.91		7.68		5.44		5.79		8.72		8.43		2.65		4.40		2.52		2.88		3.28		62.64		---
587	JUDSON	G-3	TVA	1550	2	4.70		4.24		6.07		3.27		3.71		2.20		10.05		1.23		3.17		1.46		1.43		#2.70		#44.23		0.7
193	NANTAHALA	G-4	USWB	2020	10	6.53	6.05	5.37	5.64	6.60	6.27	4.45	5.12	4.05	3.36	4.39	4.35	10.20	7.18	2.08	4.77	4.20	2.80	1.33	2.71	1.84	2.50	3.08	4.35	54.12	55.10	---
594	NANTAHALA DAM	G-4	NP.CO.	2950	3	6.39		5.45		8.84		4.52		3.59		6.13		11.17		1.61		4.32		2.10		2.24		4.53		60.89		---
625	RAINBOW SPRINGS	G-4	NP.CO.	3196	-	EST.	FEBRUARY	11, 1943		8.69		5.27		5.29		4.45		13.24		2.67		7.79		1.95		1.93		4.71		-----		---
600	WALLACE GAP (RADIO)	G-4	TVA	3700	1	6.9		5.1		9.5		3.5		4.5		----		12.9		1.4		4.9		1.7		1.8		4.1		-----		---
194	NEEDMORE	C-3	TVA	1770	9	5.40	5.72	3.41	4.65	6.14	5.38	3.66	4.05	4.04	3.05	3.62	3.65	9.61	6.09	1.51	4.32	3.36	2.63	1.35	2.19	1.33	2.56	2.75	4.15	46.18	48.44	2.8
195	RAVEN MOUNTAIN (R)	H-3	TVA	4500	9	5.65	6.41	3.91	5.07	6.76	5.39	3.42	4.26	5.13	3.51	6.65	4.35	8.99	7.97	1.14	6.01	3.17	3.07	1.94	2.39	1.83	3.07	2.77	4.76	51.36	56.26	---
196	FRANKLIN	H-4	USWB	2000	11	4.94	4.50	2.78	3.86	5.57	4.73	3.20	3.81	2.64	2.86	4.57	4.01	7.10	6.06	0.84	4.36	3.28	2.66	1.43	2.32	1.26	2.13	2.73	4.18	40.34	45.48	0.5
586	CARTOOGECHAYE CREEK	G-4	TVA	2150	2	4.75		3.94		6.91		4.29		4.07		2.54		9.43		1.93		4.42		0.98		1.61		3.29		48.16		1.0
197	WAYAH BALD (R)	G-4	TVA	5330	9	7.40	7.67	4.27	5.95	8.45	6.76	#4.60	4.99	#4.27	4.32	3.22	4.41	12.45	7.92	3.89	6.58	4.36	3.56	2.11	3.20	2.20	3.69	4.38	5.65	#61.60	64.70	---
199	OTTO	H-4	TVA	2300	9	6.22	5.74	3.61	5.35	6.89	5.25	4.43	4.59	3.52	3.39	4.15	4.13	8.44	7.15	3.72	5.90	4.37	3.52	1.89	2.65	1.97	2.98	3.27	4.53	52.48	55.18	T
200	COWEETA NO. 1 (R)	G-4	USFS	2875	10	6.83	6.94	5.22	6.23	9.92	6.90	6.02	5.79	3.83	3.94	5.56	4.86	11.21	7.55	5.91	5.91	4.77	3.81	2.67	3.57	2.14	4.54	4.66	6.00	68.74	66.04	---
200a	COWEETA NO. 3 (R)	C-4	USFS	3380	5	7.33		5.44		10.70		7.34		4.88		5.80		13.64		5.20		6.13		3.56		2.58		5.09		77.69		---
601	SHOOKVILLE (RADIO)	H-4	TVA	3650	1	----		5.5		6.4		3.8		3.8		4.0		9.8		1.1		3.2		1.5		1.7		2.2		-----		---
201a	HIGHLANDS	H-4	TVA	3800	2	8.37		5.10		9.58		6.93		5.98		11.49		13.95		2.05		6.08		3.57		3.47		5.04		81.61		3.3
201	HIGHLANDS (NEAR)	H-4	USWB	3350	56	7.94	6.90	4.23	6.70	8.65	8.40	5.60	6.40	6.18	6.00	10.46	7.40	13.76	8.70	2.68	7.50	5.31	6.80	3.00	6.30	3.26	5.00	3.89	8.80	74.96	84.90	0.9
204	CLAYTON	H-4	USWB	2000	48	6.39	6.08	3.66	6.34	8.60	7.12	6.30	5.55	5.00	5.12	5.33	5.58	7.04	7.05	6.79	6.49	4.64	5.43	3.67	4.92	2.74	4.18	3.21	7.85	63.37	71.71	T
560	CHENOCETAH TOWER	G-5	USFS	1830	5	5.65		3.35		6.41		5.86		2.63		----		----		----		----		1.53		1.86		2.32		-----		---
	FRENCH BROAD RIVER																															
208	CATLETTSBURG	G-3	TVA	800	33	2.31	4.05	3.84	4.01	4.60	5.07	3.40	3.81	2.77	4.13	4.04	4.32	5.06	4.22	1.94	4.25	2.98	2.93	1.59	2.62	1.98	2.71	2.43	4.48	36.94	46.60	3.2
496	PIGEON FORGE	G-3	TVA	1012	4	3.21		#3.20		5.50		2.75		3.58		6.55		9.90		3.52		3.52		1.44		1.13		2.49		#46.79		---
209	GATLINBURG (NEAR)	G-3	USWB	1300	17	4.64	4.82	2.93	3.87	6.59	5.25	3.37	4.47	6.09	5.07	5.13	4.62	13.13	6.23	2.63	5.65	2.73	2.94	1.63	3.15	1.37	2.54	2.59	4.59	52.83	53.20	3.0
210	MT. LE CONTE	G-3	TVA	6350	9	#5.00	6.75	#5.00	5.86	#8.50	7.06	#4.50	6.24	7.06	5.87	8.55	7.06	14.02	11.80	4.45	8.29	4.81	3.89	#3.00	3.91	#2.00	3.68	#3.00	5.58	#69.89	75.99	---
399	PITTMAN CENTER	H-3	TVA	1250	6	3.19	2.82	3.04	3.56	5.96	4.10	2.77	2.83	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	---
593	DOUGLAS DAM	G-2	TVA	928	2	2.39		4.78		4.80		3.51		2.96		2.53		5.11		0.88		2.62		1.66		1.60		2.45		35.29		3.0
211	DANDRIDGE	G-2	TVA	1040	39	2.12	3.94	5.00	3.90	4.68	4.86	3.81	3.70	2.75	3.86	3.16	4.09	4.82	4.44	4.47	4.24	2.58	2.71	1.96	2.68	1.60	2.63	2.46	4.46	39.41	45.51	---
212	WHITE PINE	H-2	TVA	1150	10	1.53	3.64	5.22	3.53	4.65	4.53	3.87	3.38	3.12	2.81	6.08	3.42	5.90	5.45	3.62	4.07	2.82	2.18	2.21	2.50	1.39	2.11	2.82	2.72	43.23	40.34	5.5
213	BULLS GAP	H-2	TVA	1060	10	2.16	4.07	4.61	3.65	4.52	5.13	3.79	3.40	2.76	2.83	6.89	3.75	4.26	6.11	2.67	4.07	2.90	2.48	2.00	2.22	1.50	2.49	2.73	3.60	40.79	43.80	7.9
214	LICK CREEK (R)	H-2	TVA	1210	9	1.64	3.30	3.30	2.83	4.14	3.47	2.03	2.51	2.47	2.09	2.21	2.38	3.27	6.04	#1.65	3.35	2.90	2.32	2.36	2.35	1.00	1.88	3.01	2.71	#29.98	35.23	---
215	JEAROLDSTOWN	H-2	TVA	1400	10	2.41	3.92	3.82	3.44	4.82	4.79	3.21	3.32	2.99	3.34	2.79	3.42	6.15	5.98	2.48	3.81	2.71	2.68	2.38	2.64	1.45	2.42	3.30	3.11	38.51	42.87	6.5
216	LITTLE CHUCKY	H-2	TVA	1350	10	1.85	3.56	4.67	3.48	5.43	4.54	3.63	3.41	3.35	2.79	3.56	3.46	5.76	5.46	2.25	3.74	2.90	2.62	2.80	2.66	0.55	2.19	2.94	2.57	39.69	40.48	7.5
475	GREENEVILLE (NEAR)(R)	H-2	U OF T	1380	5	2.38		3.19		4.60		1.92		3.00		3.49		4.05		1.35		4.30		2.47		1.13		2.44		34.32		7.8
217	GREENEVILLE (NEAR)	H-2	USWB	1320	10	2.78	3.52	3.70	3.72	5.24	4.60	2.36	3.58	3.27	4.02	3.59	4.41	3.95	3.98	1.32	4.72	4.30	2.55	2.99	2.46	1.42	2.41	2.86	4.21	37.78	44.18	4.8
518	TUSCULUM COLLEGE	H-2	PRIVATE	1460	3	2.99		3.65		5.06		2.46		3.23		4.53		6.74		2.36		5.42		2.39		1.36		2.57		42.76		5.3
218	CAMP CREEK BALD (R)	H-2	TVA	4560	9	3.80	4.85	4.21	4.45	6.20	5.55	3.67	3.85	6.77	4.15	4.97	5.25	6.22	8.27	2.90	5.58	4.78	3.43	3.13	3.54	1.71	2.89	4.00	4.38	52.36	56.19	---
219	LIMESTONE	H-2	TVA	1420	10	2.87	3.62	3.41	3.00	4.31	4.33	1.91	2.84	4.72	2.94	5.55	3.31	4.47	5.96	4.48	3.94	1.67	2.45	1.90	2.34	1.56	2.03	2.15	2.54	39.00	39.30	7.7
220	EMBREEVILLE	J-2	TVA	1560	17	2.85	2.60	2.93	3.45	5.03	4.87	1.87	3.39	5.55	5.15	3.90	4.27	6.35	5.44	4.85	4.33	3.39	2.60	1.42	3.30	1.75	2.35	3.12	3.11	43.01	44.86	10.7
221	ERWIN	J-2	USWB	1720	16	1.77	3.28	3.51	3.74	4.43	5.05	3.10	3.52	3.24	4.87	4.10	4.39	8.98	5.86	3.61	4.76	4.36	2.93	1.66	3.18	2.22	2.34	2.79	3.09	43.77	47.01	---
222	CLEAR BRANCH	J-2	TVA	1970	9	3.14	4.57	3.83	3.66	4.28	4.01	2.46	2.81	4.44	3.32	4.34	4.95	7.41	6.86	4.08	5.56	2.56	3.38	1.25	2.23	1.31	1.71	2.89	3.28	41.99	46.34	10.6
223a	FLAT TOP MOUNTAIN	J-2	TVA	2900	9	4.45	5.08	3.94	4.22	5.07	4.85	3.78	3.23	4.48	3.56	5.70	4.67	10.81	7.66	3.01	5.43	5.06	3.30	1.24	2.63	1.74	2.64	2.74	3.53	52.02	50.80	25.5
224	BEAUTY SPOT (R)	J-2	TVA	4230	10	3.29	3.84	2.92	3.39	4.72	4.37	2.85	3.06	5.03	3.57	7.22	4.19	6.39	7.33	2.14	4.90	4.86	3.16	1.57	2.61	1.77	2.43	2.91	3.15	45.67	46.00	---
226	CANE RIVER	J-3	TVA	2500	10	4.21	4.23	2.33	3.46	3.90	4.50	2.53	2.99	3.93	2.96	4.78	3.34	4.44	5.46	5.73	3.84	2.32	2.89	0.70	2.12	1.60	2.13	2.15	2.70	38.62	40.62	---
227	MCKINNEY GAP	J-2	TVA	4500	10	5.01	6.42	4.71	4.87	5.80	6.40	5.39	4.22	5.46	4.25	5.11	4.55	9.50	8.19	4.76	4.43	3.21	3.36	2.03	2.82	1.68	2.98	3.19	3.60	55.85	56.09	48.4
228	COXCOMBE MOUNTAIN (R)	J-3	TVA	4250	9	4.60	3.79	3.56	3.35	4.05	4.46	2.11	3.19	3.91	3.25	4.13	3.22	7.08	6.75	1.60	4.66	2.52	2.89	1.26	2.69	1.82	2.21	2.76	2.98	39.40	43.44	---
229	DAYBOOK	J-2	TVA	2350	10	3.81	4.02	3.61	3.23	4.16	4.25	2.41	2.94	3.38	3.10	2.91	3.52	6.09	5.12	3.23	4.36	4.20	3.14	0.51	1.97	1.60	2.09	1.88	2.56	37.79	40.30	---
230	TIPTON HILL	J-2	TVA	2360	10	3.69	4.03	3.59	3.60	4.31	4.36	3.08	3.29	3.03	3.31	6.02	3.71	8.33	5.71	2.56	4.20	4.15	2.90	0.81	2.19	1.66	2.69	2.23	2.71	43.46	42.70	17.0
231	ROAN HIGH KNOB (R)	J-2	TVA	6100	9	4.23	4.72	2.78	3.80	4.57	4.99	2.75	3.76	6.45	4.70	6.37	5.10	6.02	7.98	#1.73	5.37	6.28	3.68	1.14	3.07	2.52	2.92	2.89	3.10	#47.73	53.19	---
402	BAKERSVILLE	J-2	TVA	2575	6	#3.58	2.34	2.73	3.25	3.42	3.49	3.94	2.73	3.91	3.40	5.60	4.21	5.82	5.04	2.16	6.00	2.30	2.35	0.74	1.60	1.37	1.34	1.90	2.90	#37.47	38.65	---
232	CELO	J-3	TVA	2800	10	4.72	5.06	4.23	3.71	4.71	4.90	3.96	3.80	3.52	3.49	4.76	3.64	5.77	6.12	2.03	6.90	1.57	2.80	0.51	2.81	2.75	2.69	1.38	3.56	39.91	49.48	6.5

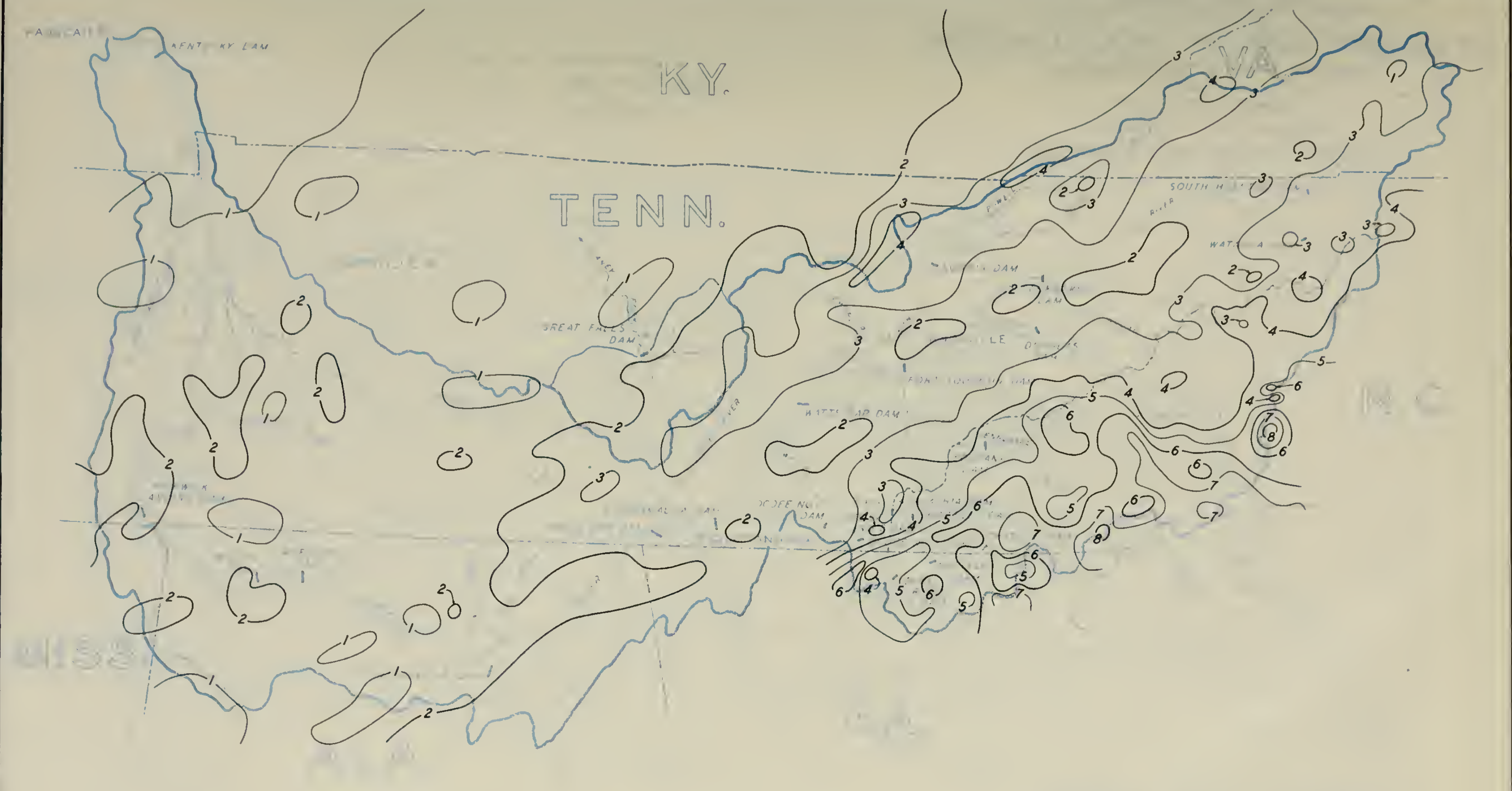
(#) Interpolated or partly interpolated.   (R) Recording station.

TENNESSEE VALLEY AUTHORITY

MONTHLY AND ANNUAL PRECIPITATION—1943—Continued

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	FRENCH BROAD RIVER (CONT'D)																															
622	CELO (NEAR)	J-3	USWB	2700	1	4.21		3.99		4.66		4.76		4.47		7.37		7.60		1.44		1.67		#0.60		3.00		3.07		#46.84		---
541	BUCK CREEK	J-3	USWB	1900	4	5.85		3.39		----		6.41		6.05		STATION DISCONTINUED JUNE 10, 1943														-----		---
233	MT. MITCHELL	J-3	USWB	6684	18	4.86	5.16	2.82	4.25	4.64	6.62	5.80	5.45	5.05	5.56	6.91	4.74	7.79	7.00	0.97	7.71	3.59	6.49	1.53	5.42	2.73	6.09	3.16	4.70	49.85	69.19	46.7
233a	MT. MITCHELL (R)	J-3	TVA	6684	-	STATION ESTABLISHED SEPTEMBER 16, 1943																		1.53		2.88		4.01		-----		---
234	SNOW CREEK	J-2	TVA	2600	10	3.60	3.88	2.82	3.04	3.31	3.90	3.98	3.42	4.10	3.26	5.70	4.26	5.44	5.72	1.10	5.44	1.93	2.85	0.79	2.26	1.93	2.28	2.12	3.07	36.82	43.38	9.8
235	LITTLE SWITZERLAND (H)	J-3	TVA	3550	10	4.16	5.62	2.85	3.39	4.81	4.85	4.77	4.24	4.98	4.04	5.96	4.16	5.32	7.80	1.20	8.74	1.53	3.82	0.81	3.66	2.78	4.04	2.69	4.66	41.86	59.02	---
623	SPRUCE PINE	J-3	TVA	2620	-	EST. 1-20-43		1.88		4.21		4.52		3.92		5.14		5.58		0.60		1.75		0.68		2.31		2.15		-----		---
236a	ALTAPASS	J-3	TVA	2600	29	EST. 1-20-43		2.36	3.80	4.37	4.80	3.56	4.00	4.57	4.30	7.16	4.60	4.73	7.00	0.43	5.30	1.60	4.40	0.68	4.40	2.12	2.80	2.21	5.00	-----	-----	---
237	PLUMTREE	J-2	TVA	2900	9	3.94	5.16	3.16	4.17	3.65	4.14	4.32	4.11	5.19	4.03	4.87	4.20	5.91	6.51	3.17	5.82	2.88	2.84	0.72	2.85	2.14	2.83	2.59	3.41	42.54	50.07	8.6
238	SMOKY GAP	J-2	TVA	3650	10	3.60	4.11	3.24	3.37	3.28	3.87	3.59	3.49	5.63	4.69	6.58	5.03	8.96	6.56	1.58	5.44	2.13	2.78	1.11	2.37	2.07	2.98	2.68	2.83	44.45	47.52	19.0
378	CROSSNORE	J-2	USWB	3500	30	4.07	3.85	3.17	4.03	4.04	5.28	4.56	4.29	6.33	4.68	8.19	5.72	8.33	7.00	2.98	5.75	2.78	4.74	0.96	4.95	2.12	3.37	2.69	5.14	50.22	58.80	20.1
241	NEWPORT	H-2	USWB	1080	54	3.25	3.68	3.79	3.91	5.60	4.84	2.92	3.66	2.90	4.25	5.84	4.30	6.41	4.48	3.55	3.94	4.44	2.78	2.51	2.47	1.25	2.47	2.44	4.03	44.90	44.81	6.2
241a	NEWPORT	H-2	TVA	1055	-	2.71		3.54		5.04		2.61		2.60		6.52		6.78		2.79		2.97		2.02		1.09		#2.33		#41.00		4.0
242	COSBY	H-3	TVA	1600	10	3.94	4.40	3.60	4.27	5.54	5.27	3.11	4.10	4.43	3.53	3.98	4.75	6.98	8.37	3.23	5.83	2.58	2.67	2.55	2.97	1.53	2.56	2.77	3.37	44.24	52.09	10.5
538	COSBY NO. 4	H-3	USDI	2320	3	3.51		3.48		6.38		3.25		4.44		4.24		7.18		4.03		2.80		2.08		1.72		2.82		45.93		---
243	HARTFORD	N-3	TVA	1260	10	3.16	4.06	2.69	3.72	4.56	4.60	2.90	3.42	4.32	3.70	4.67	4.61	4.88	7.38	3.68	5.48	2.09	2.61	2.15	2.40	1.33	2.21	2.19	3.48	38.62	47.67	6.0
244	WATERVILLE	H-3	USWB	1410	13	3.56	3.79	2.38	3.74	4.59	4.27	3.20	3.79	4.06	3.64	5.37	4.24	7.34	6.87	3.99	5.66	1.50	3.23	1.93	2.73	1.58	1.97	2.31	3.43	41.81	47.36	4.5
245	MT. STERLING	H-3	TVA	2950	10	4.01	5.06	3.41	4.12	5.97	5.34	3.36	4.04	7.43	4.21	3.56	4.26	6.89	7.60	1.72	5.59	1.66	3.28	1.86	2.72	1.59	2.08	2.19	3.48	43.65	52.38	31.4
246	COVE CREEK	H-3	TVA	2400	10	3.04	3.90	3.16	3.35	4.81	4.30	2.94	3.19	4.30	3.25	4.20	3.41	7.68	7.13	1.47	5.00	1.14	1.97	1.32	1.94	1.16	1.72	1.42	2.66	36.64	41.82	---
247	WAYNESVILLE	H-3	USWB	2756	44	5.15	3.75	4.53	4.04	6.73	5.05	----	3.68	4.50	3.98	4.65	4.12	5.12	4.60	----	4.21	----	3.00	----	3.04	----	2.25	1.92	4.61	-----	46.33	---
247a	WAYNESVILLE	H-3	TVA	2720	44	STATION ESTABLISHED OCTOBER 25, 1943																				1.52	2.25	1.88	4.61	-----	-----	---
248	EAGLENEST MOUNTAIN	H-3	TVA	3500	9	7.36	6.37	6.39	5.43	6.33	6.17	3.37	4.09	6.01	3.64	5.59	4.12	2.99	7.63	2.28	4.85	0.43	2.67	1.60	2.37	2.22	3.07	3.05	4.20	47.62	54.61	4.5
407	CATALOOCHEE RANCH	H-3	TVA	4800	5	#6.40		7.35		7.75		4.69		5.60		9.52		8.50		2.86		2.17		1.96		2.55		3.14		#62.49		21.5
250	CHAMBERS MOUNTAIN (R)	H-3	TVA	4300	10	3.52	3.21	1.84	2.28	4.47	3.48	2.29	2.93	2.88	2.21	5.87	2.76	4.87	6.29	1.53	5.17	1.27	2.10	0.91	2.08	1.83	1.83	1.43	2.24	32.71	36.58	---
251	CANTON	H-3	USWB	2600	13	4.04	3.26	2.52	3.09	4.84	3.80	2.65	3.00	3.94	2.90	4.14	3.19	6.31	5.28	2.38	5.02	1.60	2.55	1.39	2.36	1.27	1.83	1.30	3.00	36.38	39.28	0.5
253	DIX CREEK	H-3	TVA	3500	10	5.79	5.22	3.29	4.38	6.02	5.07	3.74	3.79	3.57	3.54	6.29	3.60	5.85	6.50	3.53	6.48	1.93	2.59	1.32	2.37	1.72	2.80	2.92	4.03	45.97	50.37	3.5
254	MT. PISGAH (H)	H-3	TVA	5300	10	5.97	5.52	3.32	4.18	7.37	4.68	5.67	4.34	6.16	4.30	8.16	4.91	6.44	8.11	1.82	8.64	1.78	3.57	1.96	3.83	2.62	3.42	2.11	5.21	53.38	60.71	---
629	BIG EAST FORK PIGEON	H-3	USFS	3410	-	EST. FEBRUARY 25, 1943				8.93		7.24		8.93		6.42		7.18		3.03		3.41		2.23		3.14		3.02		-----		---
255	WOLF CREEK	H-3	TVA	1200	9	2.98	3.54	2.84	2.84	4.58	4.46	1.79	2.85	4.87	3.40	3.94	3.56	7.01	7.18	2.38	4.15	4.51	3.25	1.51	2.50	0.80	1.68	2.23	2.60	39.44	42.01	3.6
256	HOT SPRINGS	H-3	USWB	1335	45	3.09	3.00	2.42	2.80	4.14	4.50	2.93	3.70	2.70	3.60	5.90	4.20	5.62	5.10	1.51	5.10	2.61	2.90	1.68	2.80	0.97	1.90	2.65	4.50	36.22	44.10	---
256a	HOT SPRINGS AIRWAYS	H-3	USWB	1400	3	3.09	3.00	2.50	2.80	4.50	4.50	2.64	3.70	2.89	3.60	5.46	4.20	5.78	5.10	1.57	5.10	3.14	2.90	1.31	2.80	0.95	1.90	2.33	4.50	36.16	44.10	---
257	MAX PATCH MOUNTAIN	H-3	TVA	4330	10	3.86	4.27	2.63	3.87	6.13	4.96	3.02	4.20	6.10	4.08	4.32	4.56	10.16	8.09	7.08	6.83	2.63	3.65	2.06	2.88	1.33	2.54	2.91	3.09	52.23	53.02	41.8
258	LONESOME MOUNTAIN	H-3	TVA	2700	10	2.55	3.02	2.00	2.70	3.85	3.78	1.75	2.71	2.87	2.90	3.89	3.74	6.00	6.34	1.50	4.05	2.24	2.48	1.62	2.14	0.85	1.89	2.40	2.46	31.52	38.21	16.0
259	CODY STORE	J-3	TVA	2450	9	3.62	4.05	#1.99	3.12	5.20	4.59	3.31	3.07	4.46	3.34	3.80	3.91	5.71	6.61	2.39	4.12	3.13	2.99	0.88	2.21	1.48	1.83	2.79	2.87	#38.76	42.71	16.5
260	BIG PINE	N-3	TVA	2700	10	3.82	3.85	2.46	2.94	#3.01	4.09	3.30	3.21	4.19	2.82	4.05	3.97	8.13	6.10	2.39	5.38	1.56	2.40	0.82	2.51	1.35	1.94	2.59	2.76	#37.67	41.97	15.7
261	DOGGETT GAP	H-3	TVA	3800	10	4.20	4.51	2.85	3.41	5.25	5.00	3.72	3.64	3.43	3.25	3.51	3.98	5.89	7.11	4.27	6.83	1.95	2.83	1.57	2.77	1.33	2.23	1.85	3.00	39.82	48.56	27.7
262	MARSHALL	H-3	USWB	1950	43	3.73	2.56	1.70	2.71	3.18	3.94	2.75	3.44	3.23	3.11	5.78	4.25	5.65	4.32	1.88	4.29	1.86	3.03	1.32	2.63	1.37	1.90	2.15	3.11	34.60	39.29	1.5
263	IVY	J-3	TVA	2100	9	3.55	3.68	2.32	2.99	3.68	4.16	1.94	2.75	4.00	2.97	5.41	4.04	5.30	4.65	1.60	3.61	2.45	2.56	1.00	1.92	1.23	1.92	2.28	2.27	34.76	37.52	---
264	BARNARDSVILLE	J-3	TVA	2250	10	3.72	3.53	2.46	3.11	3.85	4.22	1.82	2.84	3.11	2.82	6.40	4.11	3.79	6.13	1.88	4.77	2.08	2.40	0.72	2.28	1.69	2.25	2.20	2.44	33.72	40.90	5.0
265	LEICESTER	H-3	TVA	2100	10	3.59	3.41	2.30	2.73	4.96	3.60	3.66	3.16	5.21	3.05	6.74	3.76	3.39	4.92	1.91	4.96	1.68	2.12	0.81	2.03	1.49	1.88	1.30	2.40	37.04	38.02	3.0
266	ROCKYFACE MOUNTAIN	R-3	TVA	3000	10	#3.31	3.56	2.28	2.93	4.76	3.66	2.90	2.92	4.89	2.76	5.41	3.26	5.63	5.30	3.91	5.38	1.79	2.73	1.14	2.12	1.33	1.99	1.20	2.44	#38.55	39.05	5.5
267	ASHEVILLE (R)	J-3	USWB	2192	64	3.43	3.10	2.12	3.15	4.00	3.97	2.89	3.02	3.96	3.43	8.28	3.93	6.81	4.30	2.17	4.16	2.05	3.04	0.59	2.75	1.62	2.23	1.59	3.20	39.51	40.28	3.7
268	BEETREE DAM (R)	J-3	C OF A	2557	20	4.28	3.05	3.21	3.64	5.14	4.60	3.34	3.55	4.15	3.69	6.67	4.54	8.69	4.96	2.34	6.37	2.21	4.22	0.79	3.35	2.05	2.47	2.01	3.92	44.88	48.36	---
269	BEETREE GAP (R)	J-3	C OF A	4900	10	4.89	4.15	3.86	3.56	3.42	4.70	3.08	3.33	5.49	3.47	6.07	4.26	6.35	6.85	1.42	7.21	3.52	3.20	1.46	2.76	2.47	2.44	3.00	3.27	45.03	49.20	---
270	SWANNANOA	J-3	USWB	2250	12	5.07	3.72	2.57	3.15	4.19	3.97	3.22	3.17	4.24	2.95	6.78	3.43	11.34	5.54	1.89	5.82	3.35	3.14	0.64	2.98	2.02	2.33	2.13	3.68	47.44	43.88	T
271a	NORTH FORK NO. 2	J-3	C OF A	-	1	5.34		3.34		5.96		3.78		4.87		6.33		7.82		2.23		3.54		1.08		2.02		2.05		48.36		2.3
271	NORTH FORK (R)	J-3	C OF A	2950	18	6.08	4.55	3.78	5.23	5.17	5.92	4.44	4.81	4.96	4.91	#6.60	4.72	6.91	6.42	2.26	7.47	4.22	4.31	1.15	4.55	2.44	3.71	2.98	5.10	#50.99	61.70	---
588	BALSAM GAP (R)	J-3	C OF A	5360	2	4.70		3.82		#5.51		2.62		6.31		4.22		7.13		0.63		2.20		1.52		2.45		2.21		#43.32		---
517	SWANNANOA GAP (R)	J-3	C OF A	5180	3	4.81		3.29		5.07		5.52		5.03		7.50		7.98		1.81		3.20		1.75		2.32		3.62		51.90		---
272	MONTREAT	J-3	USWB	2600	26	3.20	3.90	2.43	4.50	5.26	5.20	4.67	4.50	4.45	5.00	5.78	5.40	10.39	5.70	3.29	5.10	2.99	5.20	0.64	4.20	1.51	2.60	3.37	4.80	47.98	56.10	7.5
273	POINT LOOKOUT	J-3	USWB	2600	12	5.56		2.65		4.54		5.90		3.90		8.68		5.89		2.78		3.47		1.18		2.36		3.28		50.19		---
274	ENKA	H-3	USWB	2075	13	3.39	3.22	2.58	2.58	4.14	3.20	3.51	2.95	3.27	2.72	5.60	3.53	6.47	4.90	2.35	3.82	1.64	2.14	0.22	2.49	1.58	2.06	2.07	3.09	36.82	36.70	---
275	BENT CREEK (R)	J-3	USFS	2100	11	4.55	4.57	1.57	3.02	5.75	3.90	3.68	3.10	4.00	2.65	7.68	4.37	9.52	5.96	3.22	4.89	1.68	2.56	1.19	2.62	2.17	2.43	1.95	3.05	46.96	43.12	---
276	A & H AIRPORT	J-3	TVA	2080	10	5.63	4.73	2.13	3.54	5.43	4.21	3.05	3.32	2.22	3.39	5.46	3.59	6.18	6.19	3.24	5.28	2.24	2.60	0.86	2.59	2.25	2.60	2.14	3.44	40.83	45.48	2.5
277	GARREN CREEK	J-3	TVA	2600	9	8.77	5.37	4.48	4.00	6.13	4.79	5.83	3.95	4.49	3.60	10.56	5.99	11.89	7.30	1.81	8.56	2.48	3.69	1.49	3.83	2.54	3.40	1.58	4.43	62.05	58.91	2.0
278	BLUE RIDGE P.O. (R)	J-3	TVA	2270	10	5.33	5.31	2.60	4.02	5.71	4.42	3.52	3.83	5.57	4.51	4.83	4.24	8.34	7.13	2.20	6.60	3.34	4.14	1.00	3.31	2.56	3.19	2.67	4.12	47.67	54.82	---
279	HENDERSONVILLE	J-3	USWB	2153	46	6.30	4.55	2.93	4.60	5.86	5.31	4.35	4.23	4.76	4.86	11.19	5.54	8.09	6.07	0.70	6.08	3.03	4.75	1.05	4.52	4.20	3.03	2.95	5.88	55.41	59.42	---
280	RUSH MOUNTAIN	J-4	TVA	2900	10	7.75	7.18	3.43	5.30	8.70	5.70	6.70	5.18	7.03	4.81	10.90	4.57	7.45	8.35	5.50	9.29	5.20	3.79	1.85	4.31	3.75	4.91	4.60	6.45	72.86	69.84	2.0
281	HORSESHOE	J-3	TVA	2150	10	6.90	6.06	2.77	4.28	6.21	4.29	3.88	3.85	3.06	4.25	9.08	4.77	5.02	7.43	5.01	7.06	2.51	3.72	1.52	3.21	2.41	2.89	2.84	4.10	51.21	55.91	0.5
282	PINK BEDS (H)	H-3	TVA	3300	8	6.22	6.48	4.80	6.01	8.37	5.70	6.17	5.52	8.79	4.78	7.26	5.35	5.78	6.84	2.69	9.23	3.04	3.70	1.93	4.46	3.01	3.85	3.46	7.50	61.52	69.42	---
619	TURKEY PEN GAP	H-3	USWB	2500	1	5.22		3.60		5.94		4.45		4.54		9.52		STATION DISCONTINUED												-----		---
636	THE PINNACLE (NEAR)	J-4	TVA	3200	-	STATION ESTABLISHED AUGUST 13, 1943																3.88		2.11		3.56		4.39		-----		---
283	CEDAR MOUNTAIN (R)	H-4	TVA	2750	9	6.78	7.48	3.84	6.08	9.83	6.21	6.40	5.75	9.10	5.38	8.34	5.73	8.51	7.87	4.45	10.22	4.31	4.45	1.96	4.66	3.32	4.73	4.89	7.19	71.73	75.75	---
284	CAESAR'S HEAD	J-4	USWB	3115	20	7.94	6.43	4.13	5.35	9.30	6.12	6.78	5.05	10.79	5.11	7.95	5.58	7.78	7.23	4.87	8.55	4.80	5.65	2.18	5.48	3.62	5.41	4.56	7.61	74.70	73.57	T
476	PISGAH FOREST	H-4	USWB	2150	4	6.62		3.59		7.26		3.99		6.07		11.71		7.90		3.39		3.19		1.21		2.62		3.31		60.86		T
285	BREVARD	H-4	USWB	2250	40	7.10	4.50	3.55	4.40	7.67	5.10	4.70	4.40	4.68	5.20	8.54	5.80	7.12	6.80	2.95	6.60	4.07	4.90	1.63	4.90	2.73	3.20	3.76	5.80	58.50	61.60	T
286	ROSMAN	N-4	USWB	2250	9	7.93	7.43	3.76	6.12	8.86	6.02	5.36	5.72	5.04	4.94	8.72	5.53	7.74	9.27	3.99	9.54	4.78	4.26	2.01	4.61	2.75	4.54	4.84	6.44	65.78	74.42	---
640	SASSAFRAS MTN.	H-4	PRIVATE	-	-	----		----		----		----		----		----		----		----		----		----		----		4.87		-----		---

(#) Interpolated or partly interpolated. (H) Recording station.



LEGEND

—2— RAINFALL IN INCHES
—·—·— STATE LINES

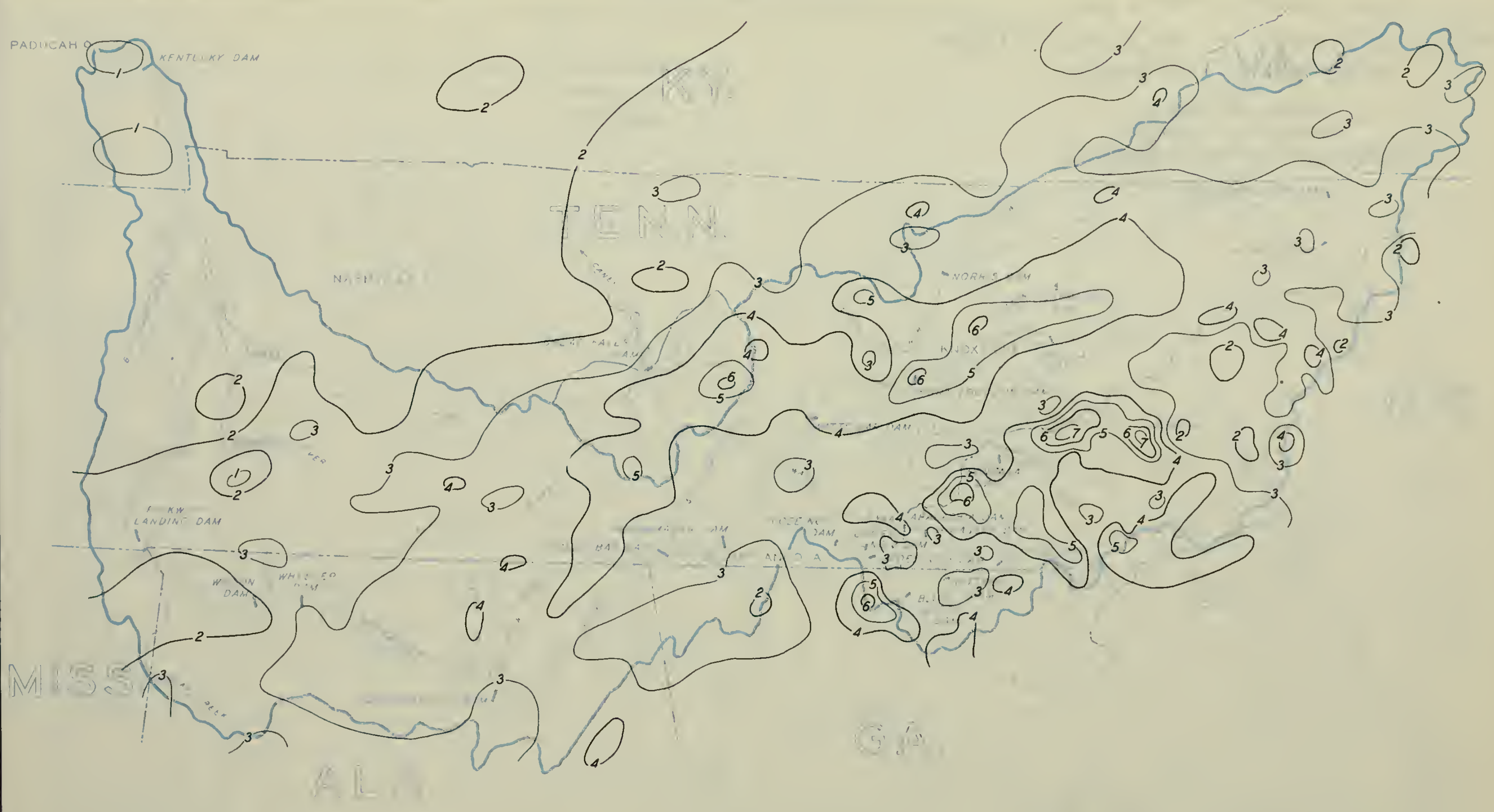
TENNESSEE VALLEY AUTHORITY

HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN

PRECIPITATION — JANUARY 1943

SCALE 10 0 10 20 30 40 50 MILES



LEGEND

—2— RAINFALL IN INCHES

—·—·— STATE LINES

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN
PRECIPITATION — FEBRUARY 1943

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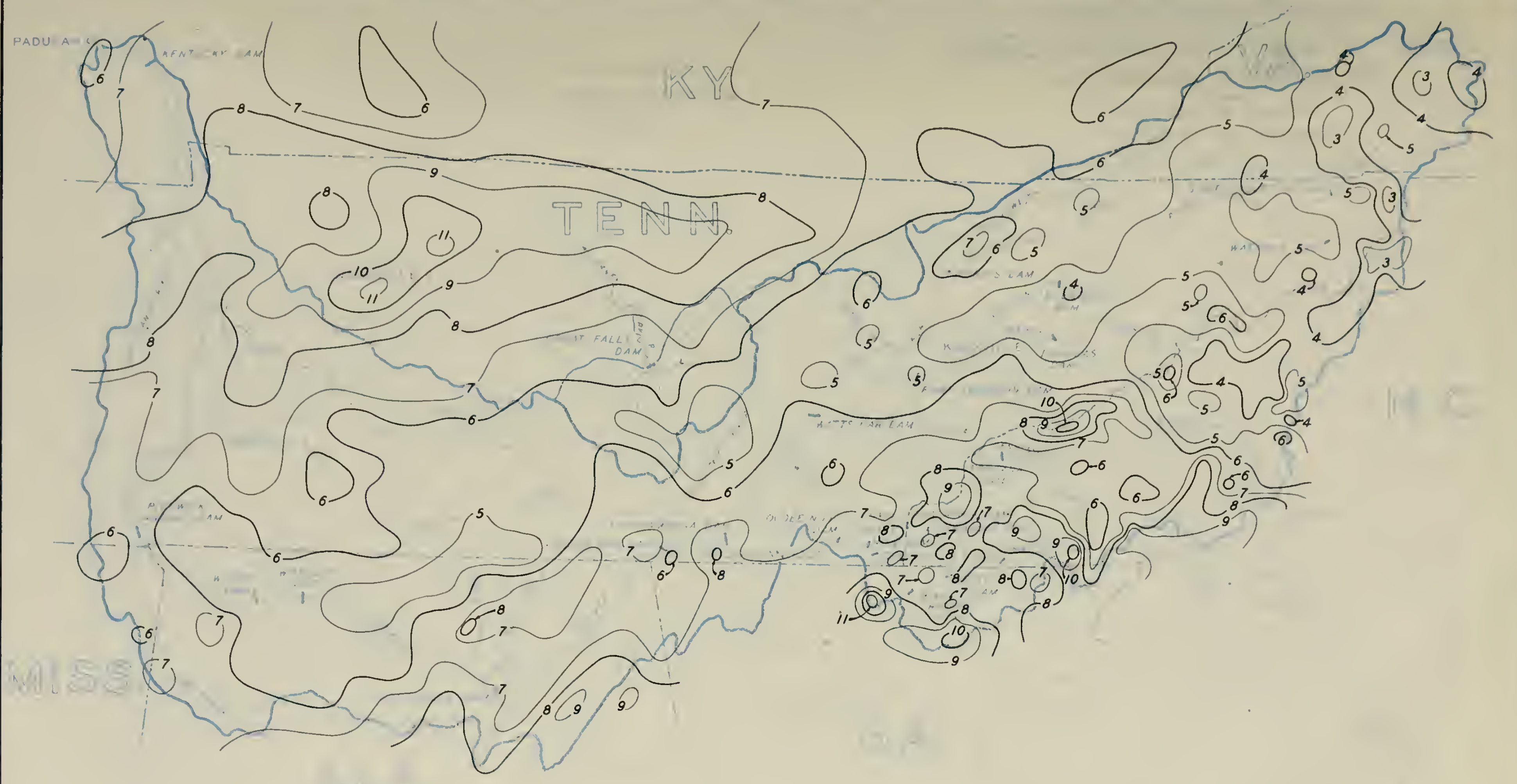


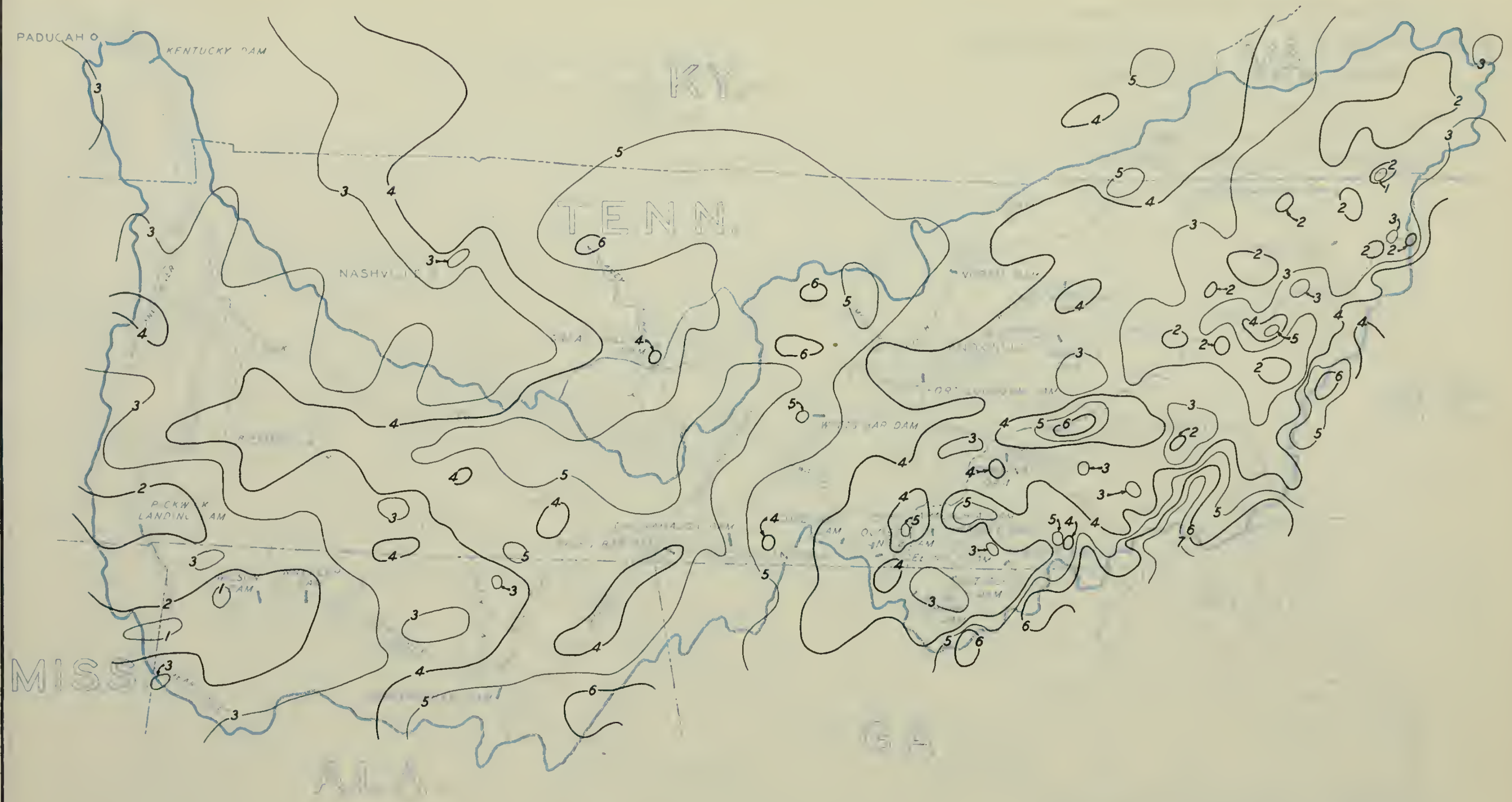
LEGEND

— 6 — RAINFALL IN INCHES
—·-·— STATE LINES

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN
PRECIPITATION — MARCH 1943

SCALE 10 0 10 20 30 40 50 MILES



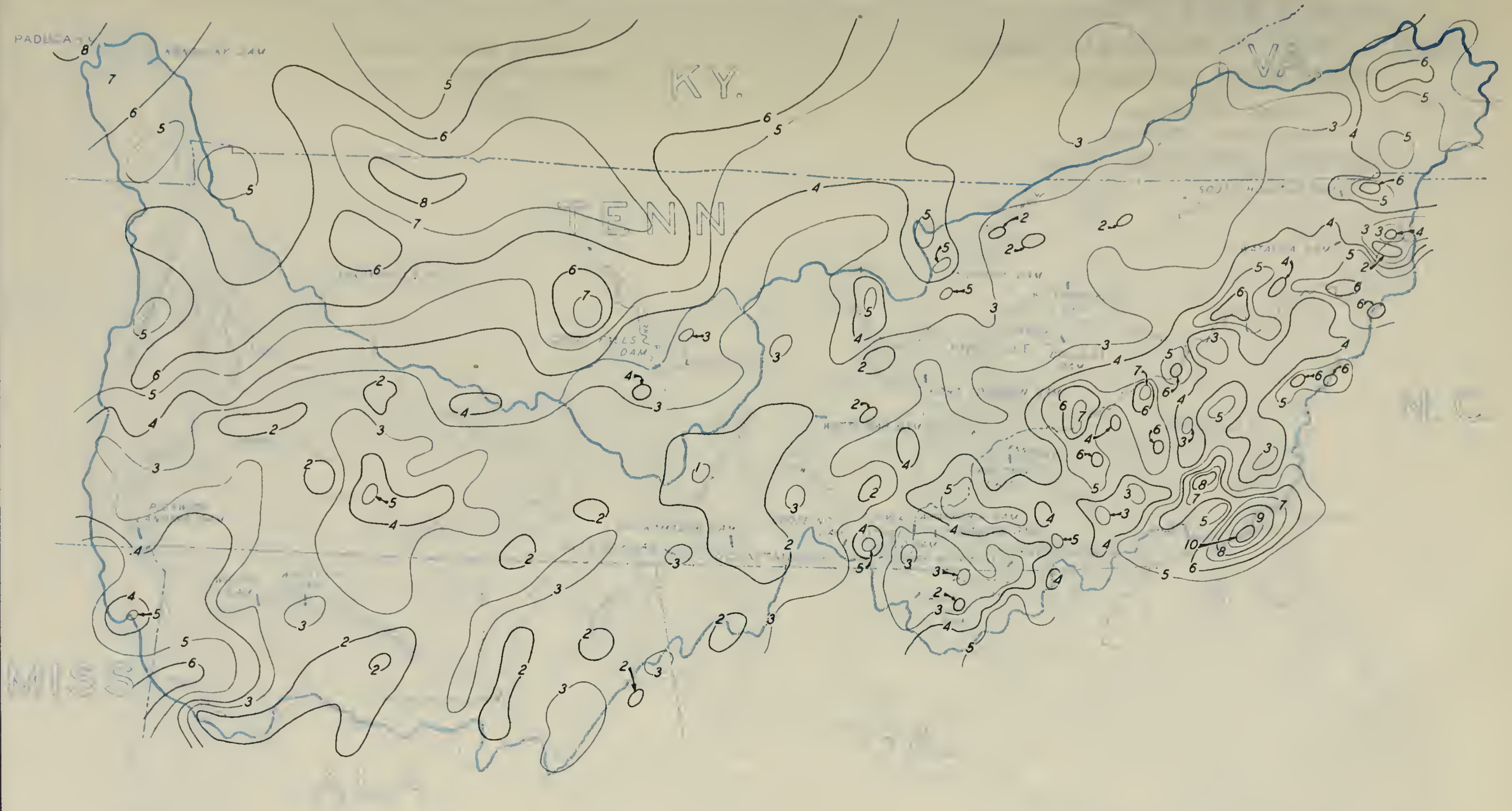
LEGEND

—2— RAINFALL IN INCHES
—·—·— STATE LINES

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN
PRECIPITATION — APRIL 1943

SCALE 10 0 10 20 30 40 50 MILES



LEGEND

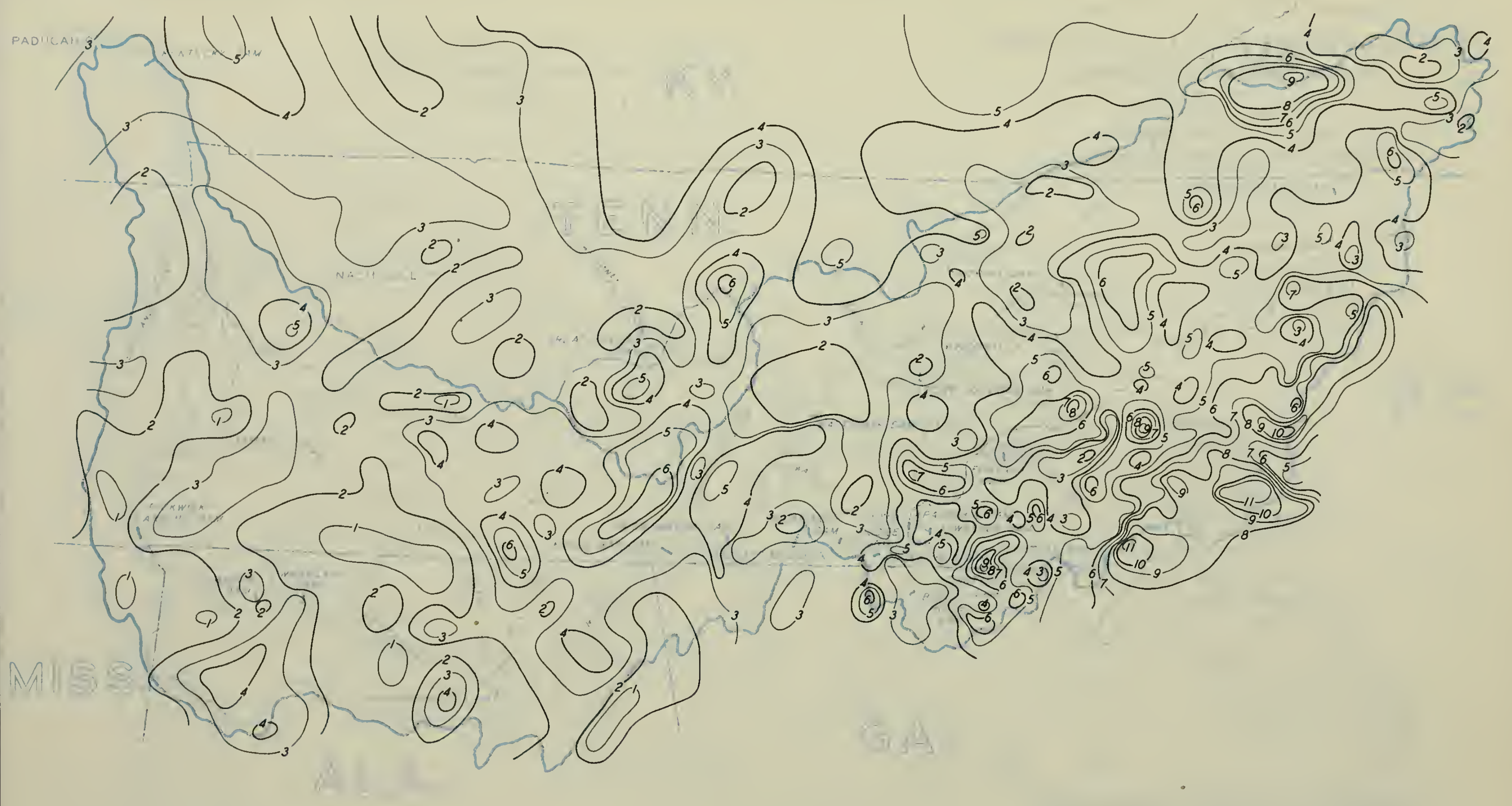
—2— RAINFALL IN INCHES

—··— STATE LINES

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN
PRECIPITATION — MAY 1943

SCALE 10 0 10 20 30 40 50 MILES



LEGEND

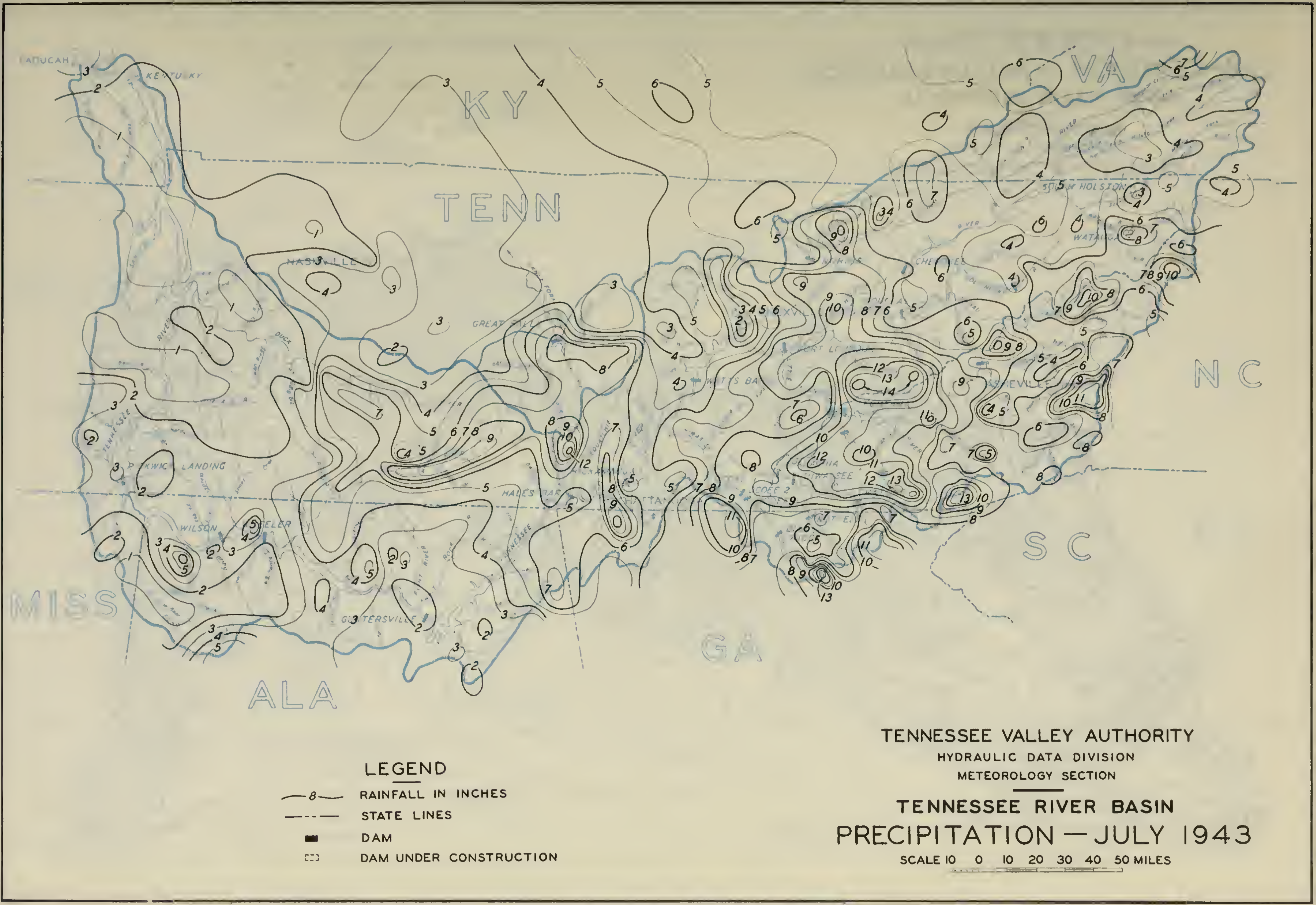
—4— RAINFALL IN INCHES

—·—·— STATE LINES

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

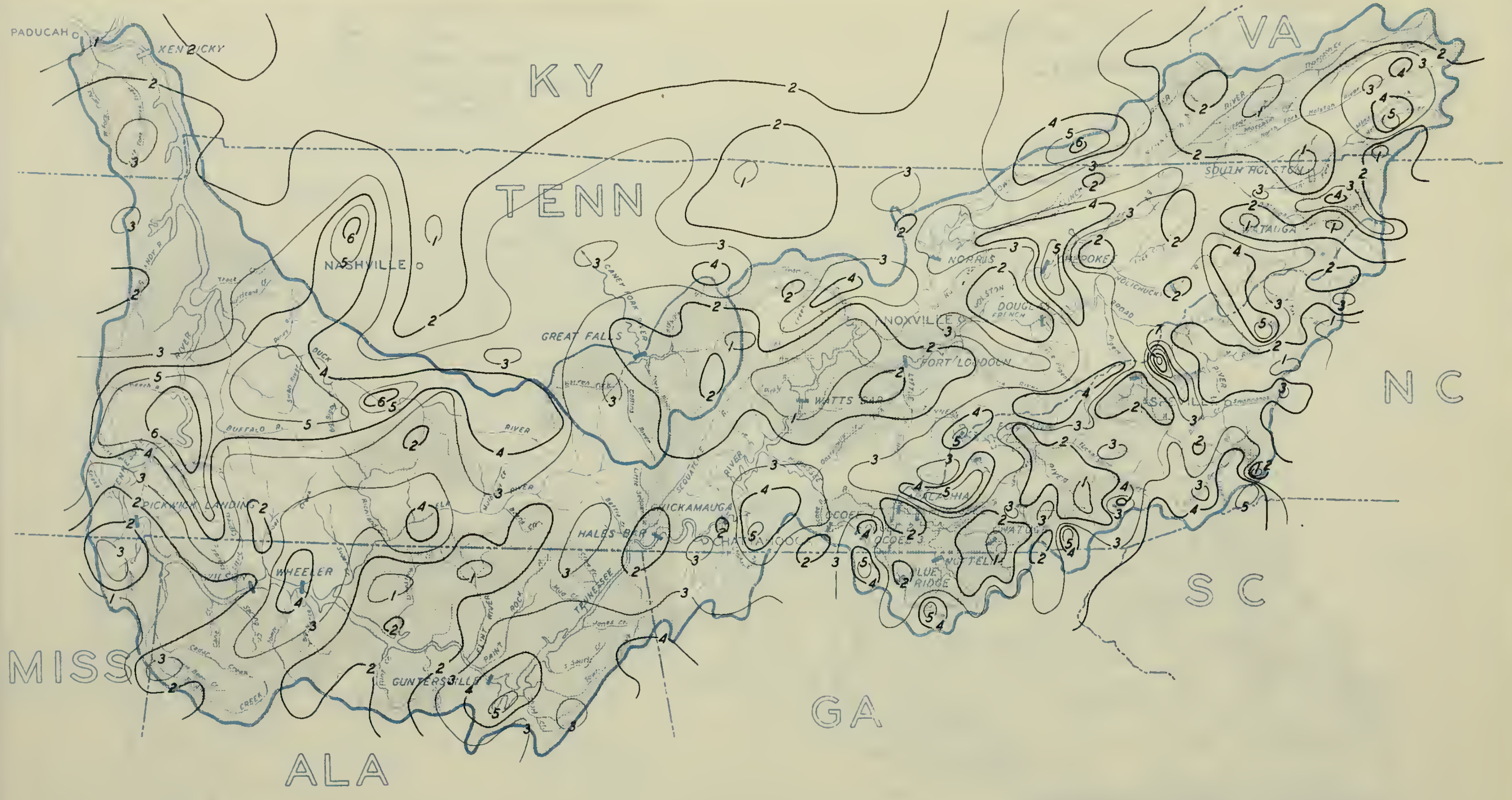
TENNESSEE RIVER BASIN
PRECIPITATION — JUNE 1943

SCALE 10 0 10 20 30 40 50 MILES



TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN
PRECIPITATION — JULY 1943
SCALE 10 0 10 20 30 40 50 MILES



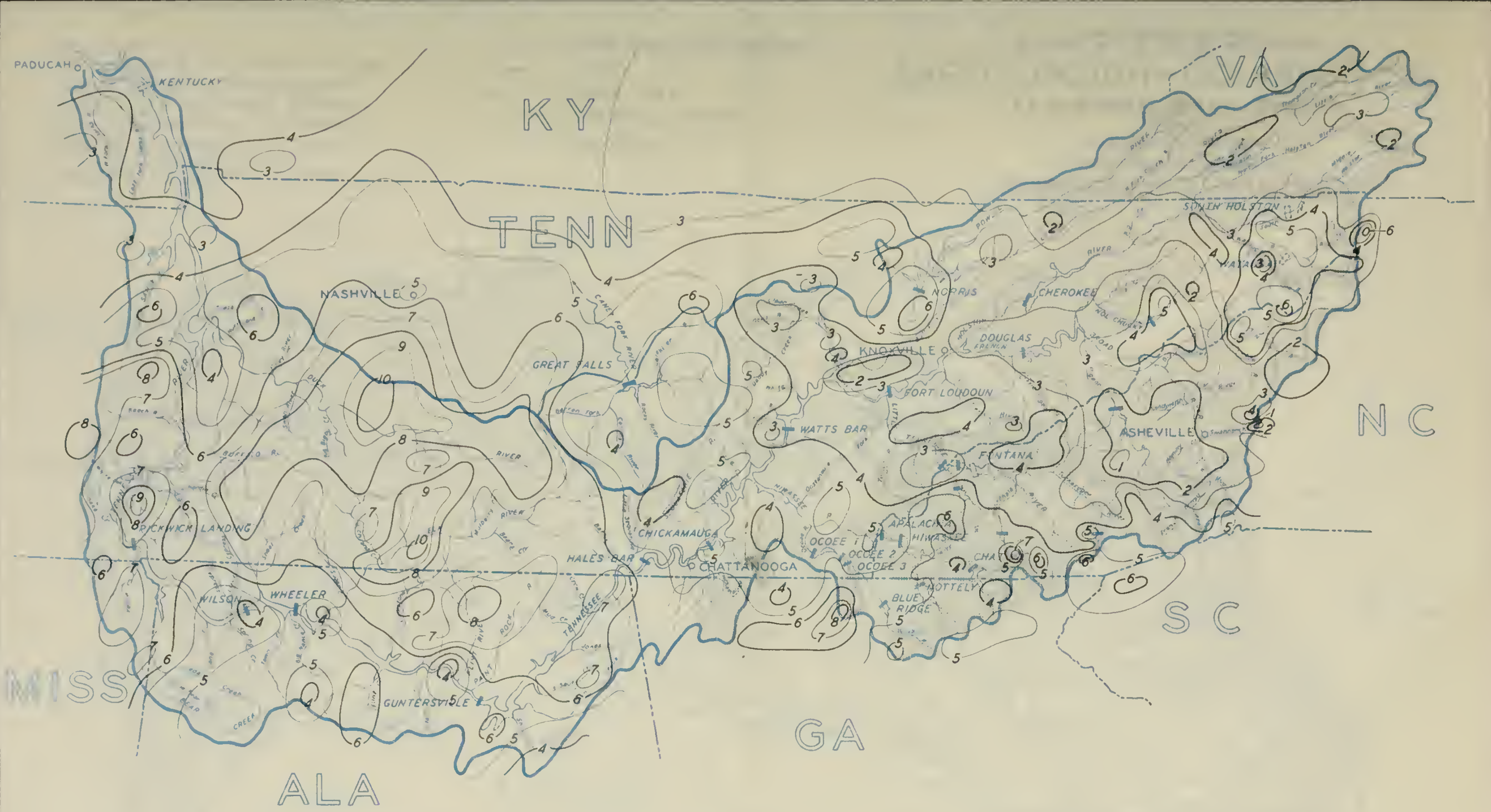
LEGEND

—2— RAINFALL IN INCHES
AREA AFFECTED BY DROUGHT
—·—·— STATE LINES
■ DAMS
⊏⊐ DAMS UNDER CONSTRUCTION

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN
PRECIPITATION — AUGUST 1943

SCALE 10 0 10 20 30 40 50 MILES



LEGEND

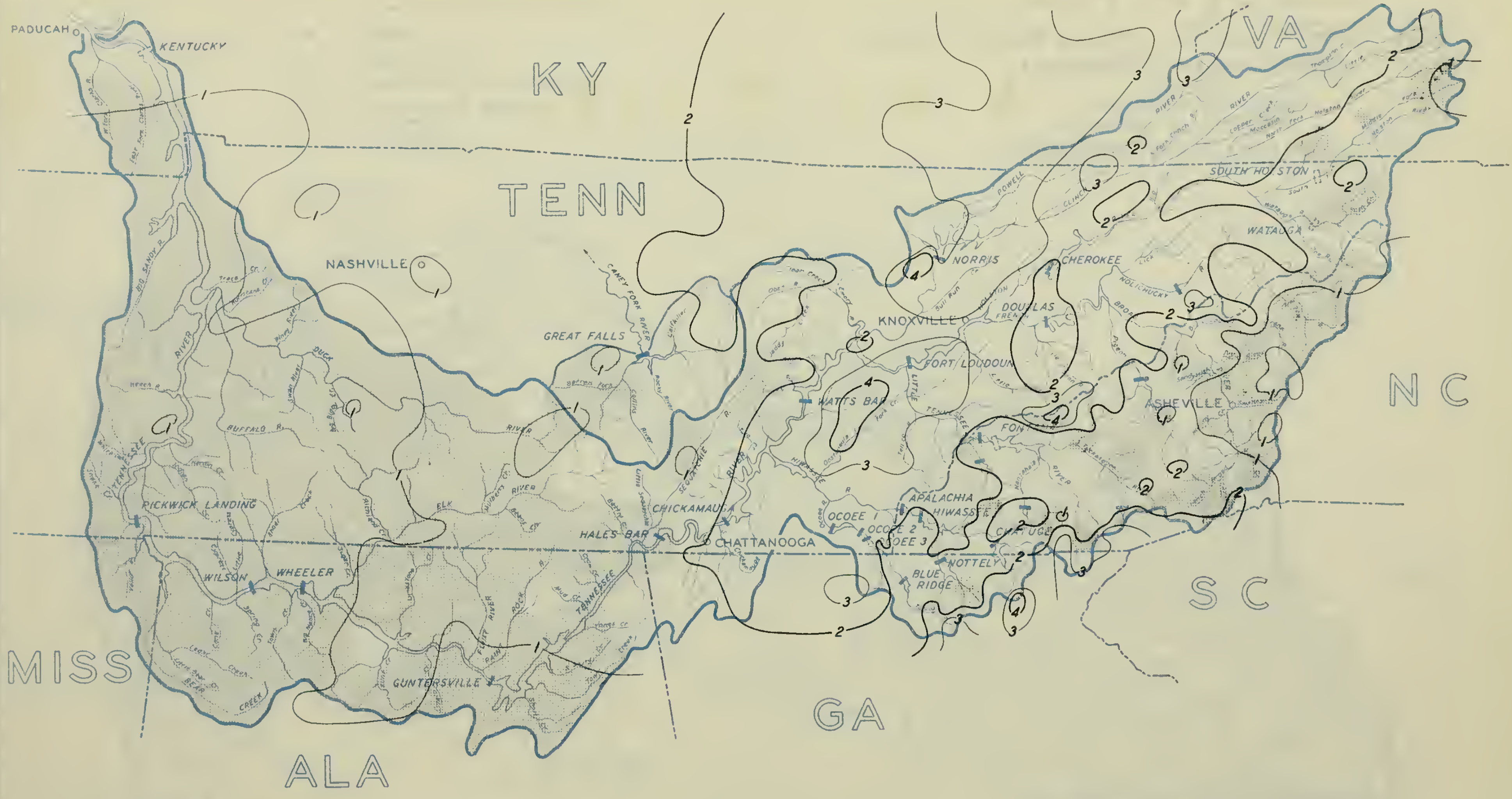
—4— RAINFALL IN INCHES
AREA AFFECTED BY DROUGHT
—·—·— STATE LINES
▬ DAMS
▭ DAMS UNDER CONSTRUCTION

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN

PRECIPITATION—SEPTEMBER 1943

SCALE 10 0 10 20 30 40 50 MILES



DROUGHT CONDITIONS

DROUGHT OCCURRED AT ALL RAINFALL STATIONS IN THE TENNESSEE BASIN AFTER SEPTEMBER 21. AREAS WHERE DROUGHT STILL PERSISTED ON OCTOBER 31 ARE SHOWN ON THIS MAP THUS

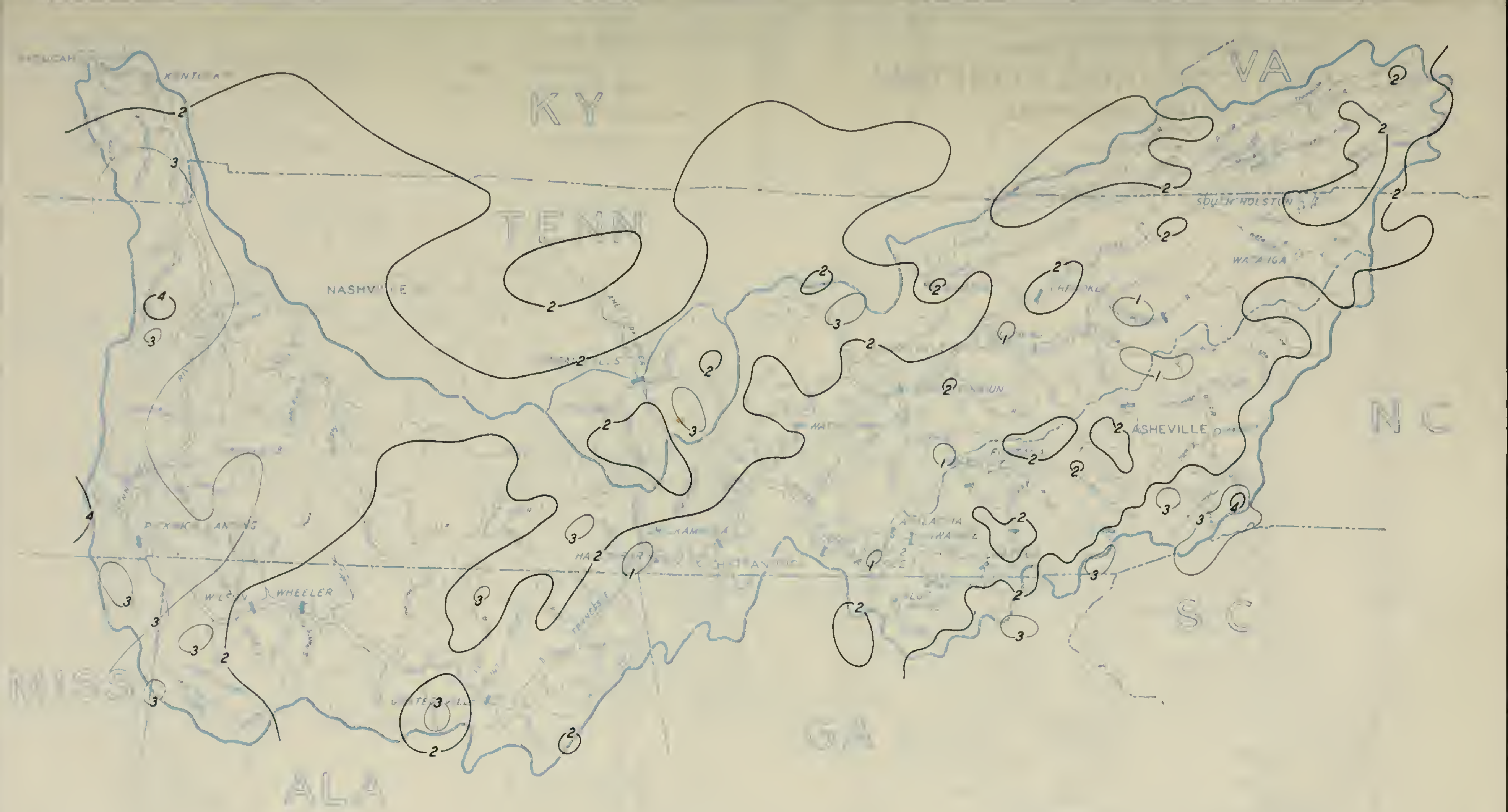
LEGEND

—2—	RAINFALL IN INCHES
—·—·—	STATE LINES
▬	DAMS
⊏⊐	DAMS UNDER CONSTRUCTION

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN
PRECIPITATION – OCTOBER 1943

SCALE 10 0 10 20 30 40 50 MILES



TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN
PRECIPITATION – NOVEMBER 1943

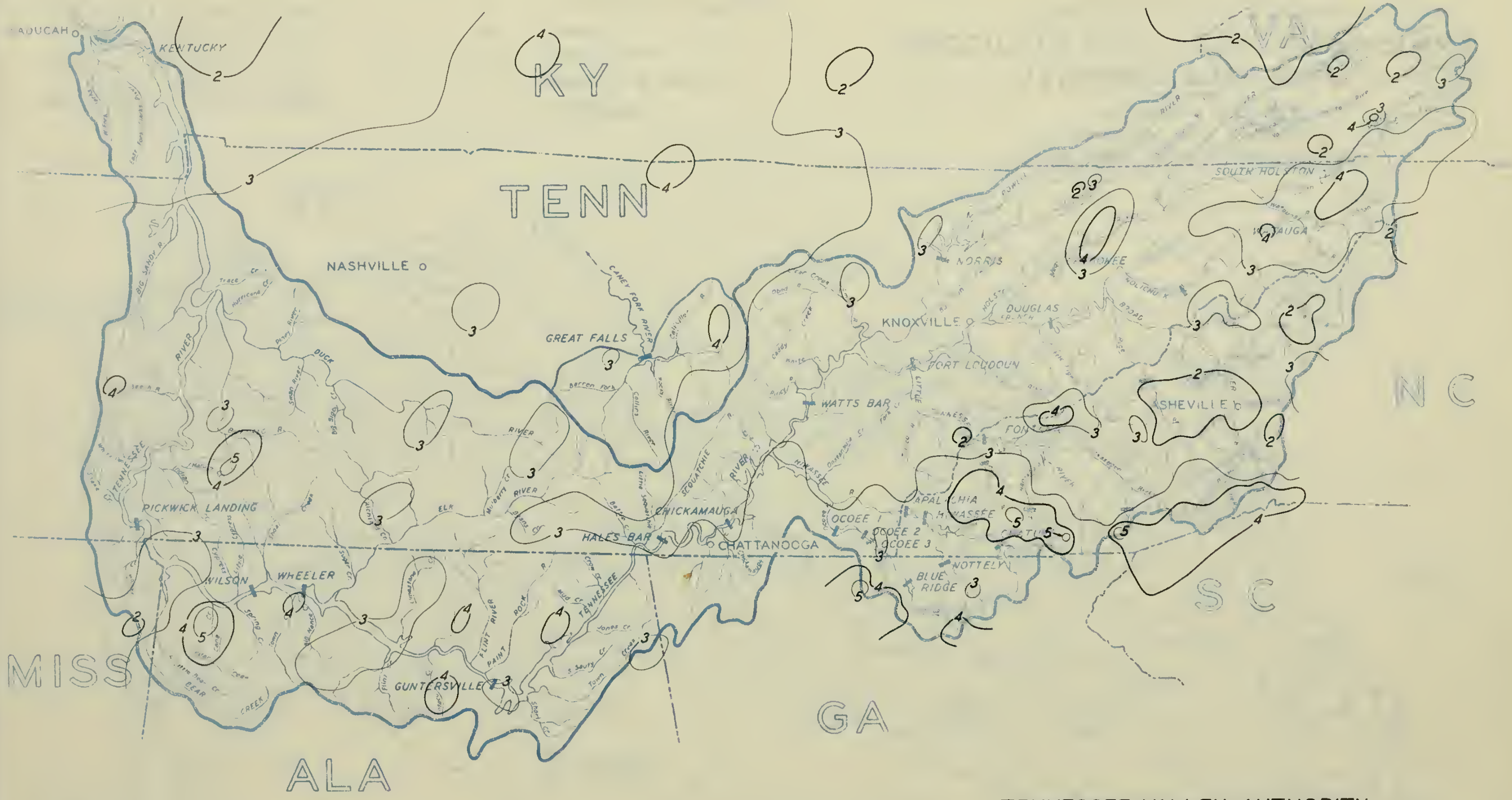
SCALE 10 0 10 20 30 40 50 MILES

LEGEND

—2—	RAINFALL IN INCHES
—·—·—	STATE LINES
▬	DAMS
▭	DAMS UNDER CONSTRUCTION

DROUGHT CONDITIONS

DROUGHT OCCURRED OVER THE WHOLE TENNESSEE BASIN BEGINNING NOVEMBER 4, 9, OR 10 AND STILL EXISTING NOVEMBER 30.



DROUGHT CONDITIONS

DROUGHT EXISTING AT THE END OF NOVEMBER, CONTINUED GENERALLY OVER ABOUT 90 PERCENT OF THE TENNESSEE BASIN UNTIL DECEMBER 24 OR 25.

LEGEND

— 4 —	RAINFALL IN INCHES
— - —	STATE LINES
■	DAMS
▭	DAMS UNDER CONSTRUCTION

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN
PRECIPITATION—DECEMBER 1943

SCALE 10 0 10 20 30 40 50 MILES

ERRATA FOR MONTHLY PRECIPITATION REPORTS

January 1943

Station No. 204, Clayton, Georgia. Delete 0.02 inch on January 20, 1943. Correct monthly total is 6.39 inches.

March 1943

Station No. 579, Carson Newman Evap. Sta., Tennessee. Amount on March 3, 1943, should be 0.03 inch. Correct monthly total is 3.95 inches.

Station No. 279, Hendersonville, North Carolina. Delete 0.04 inch on March 11, 1943. Correct monthly total is 5.86 inches.

April 1943

Station No. 404, Savannah Evap. Station, Tennessee. Amount on April 17, 1943, should be 0.28 inch. Correct monthly total is 1.97 inches.

September 1943

Station No. 141, Andrews, North Carolina. Amount on September 16, 1943, should be 0.65 inch. Correct monthly total is 4.96 inches.

Station No. 279, Hendersonville, North Carolina. Amount on September 20, 1943, should be 1.85 inches. Delete 1.85 inches on September 21, 1943. Correct monthly total is 3.03 inches.

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1946

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TENNESSEE VALLEY AUTHORITY
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PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1946

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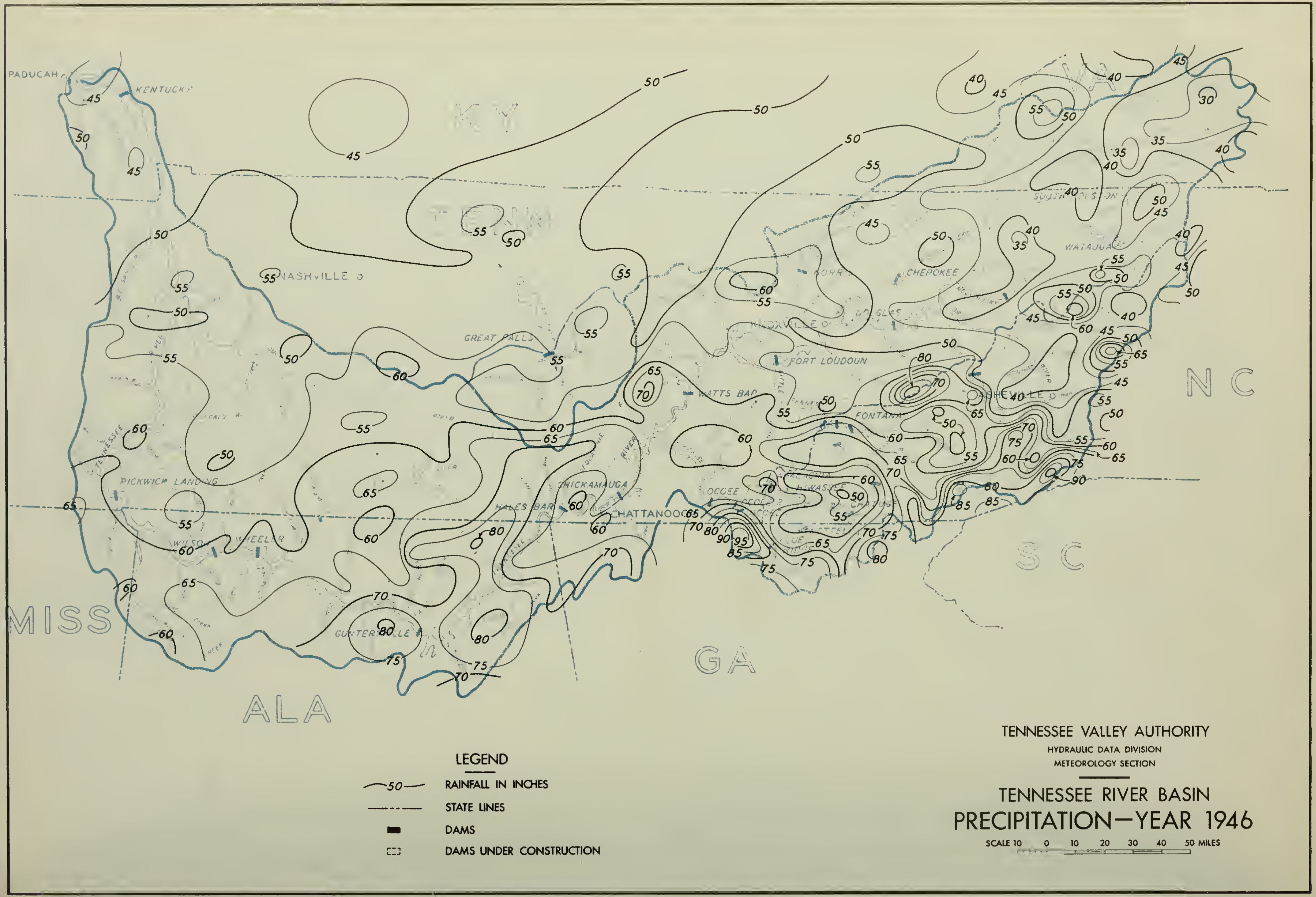

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN
PRECIPITATION—YEAR 1946

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PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1946

Average precipitation over the Tennessee River Basin during 1946 was 56.24 inches, exceeding the normal of 51.67 inches by 4.57 inches. The 1946 total exceeded the 1937-1946 average of 49.70 inches by 6.54 inches. Rainfall in the area above Hales Bar was less than that in the lower half of the Basin for the third consecutive year, the amounts being 52.80 inches and 60.17 inches, respectively, as compared with the normals of 50.85 inches and 52.57 inches. Precipitation was above normal for the Basin as a whole in January, February, May. July, September, and November. January was the wettest month of the year, and October was the driest, although the greatest deficiency occurred in December.

Comparatively large precipitation totals were recorded at some stations in the southern part of the Basin. Amounts at Decatur, Guntersville, and Scottsboro, all in North Alabama, were the second highest of record. Rainfall at the Chattanooga city station was the third highest of record, being exceeded last in 1929. On the other hand, unusually low precipitation was measured at stations in the extreme northeastern tip of the Valley, where Marion, Virginia, had the lowest rainfall since 1941 and the third lowest on record, and Spring Creek, Virginia, reported the least annual total in its 11-year period of record.

The greatest total precipitation for the year occurred at Flat Top, Georgia, a high elevation station on the Blue Ridge in the Toccoa River watershed. The amount at this station was 99.53 inches, nineteen inches more than its normal of 80.60 inches. This was the greatest single station total since 1942 when 100.73 inches was measured at Highlands, North Carolina. Twelve other rainfall stations reported more than 80 inches for the year 1946.

The lowest total rainfall was 28.55 inches at Spring Creek, Virginia, located on the divide between the headwaters of the Clinch and Holston Rivers. This was the second consecutive year that the Spring Creek gage has registered the lowest rainfall in the Tennessee Valley.

Among watershed subdivisions, the greatest average precipitation was 75.5 inches over the French Broad River above Blantyre, North Carolina. This watershed has received the greatest average annual precipitation for seven out of the last ten years. The ten-year average for the area is 68.38 inches. The least subdivision average was 36.1 inches over the watershed of the North Fork of the Holston River above Gate City, Virginia, making 1946 the fourth consecutive year that this area has received the minimum amount.

The maximum snowfall reported from a regular station was 25.3 inches at Mount Mitchell, North Carolina. Observations made in the Great Smoky Mountains National Park showed a total depth for the year of 23.0 inches at Newfound Gap. Snowfall in the area west of Chattanooga, based on records at 77 stations, averaged 3.3 inches. The average east of Chattanooga, based on 119 reporting stations, was 3.7 inches.

Streamflow at Knoxville and Chattanooga was 19.36 inches and 24.80 inches from the respective watersheds. These amounts are 99 percent and 104 percent of the respective means of record.

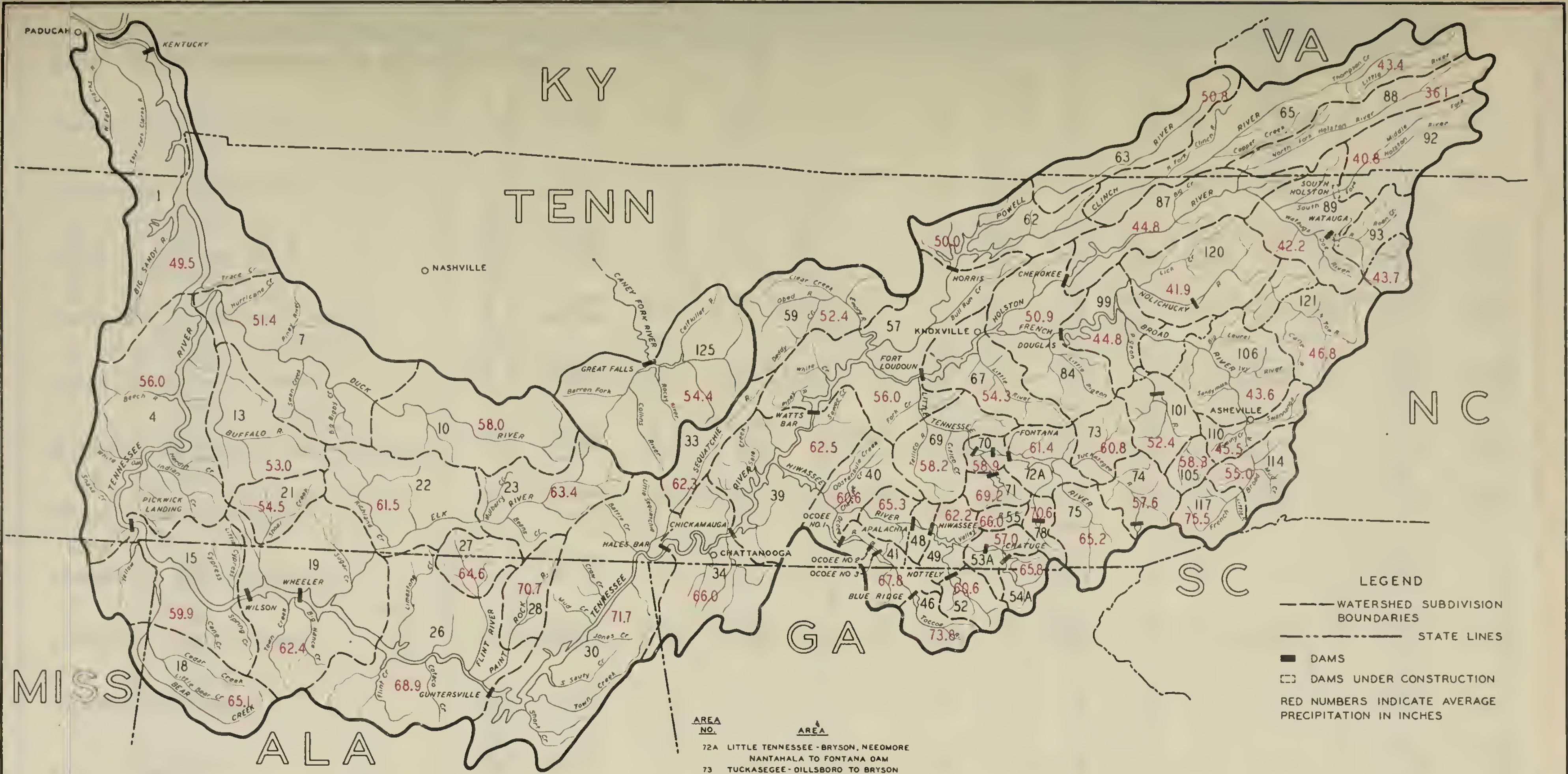
Unusual storms that were investigated and reported upon in the monthly precipitation bulletins during the year are listed below.

Storm	Date	Monthly Bulletin Containing Report
Windstorms near Huntsville, Alabama	March 16-17	March
Hail and Windstorms in Kentucky, Tennessee, and Alabama	April 7	September
Intense Storm in Red Bank and White Oak Communities near Chattanooga	May 15	June
Intense Storm at Hartselle, Falkville, and Guntersville, Alabama	July 8-9	July

TENNESSEE RIVER BASIN MONTHLY PRECIPITATION DURING 1946

Precipitation in Inches

Month 1946	Above Hales Bar Actual	Below Hales Bar Actual	Tennessee River Basin			
			Actual	Normal	Deviation from Normal Monthly	Cumulative
January	7.71	9.54	8.56	4.69	+3.87	+3.87
February	5.39	7.56	6.40	4.34	+2.06	+5.93
March	4.87	5.64	5.23	5.41	-0.18	+5.75
April	4.00	3.24	3.65	4.54	-0.89	+4.86
May	6.02	5.64	5.84	4.29	+1.55	+6.41
June	3.27	3.14	3.21	4.40	-1.19	+5.22
July	4.67	5.16	4.90	4.79	+0.11	+5.33
August	3.52	3.52	3.52	4.44	-0.92	+4.41
September	3.23	4.72	3.93	3.20	+0.73	+5.14
October	3.39	2.30	2.88	3.21	-0.33	+4.81
November	3.13	6.08	4.51	3.32	+1.19	+6.00
December	3.60	3.63	3.61	5.04	-1.43	+4.57
Total	52.80	60.17	56.24	51.67	-	+4.57



LEGEND

- – – – WATERSHED SUBDIVISION BOUNDARIES
- – · – · – STATE LINES
- ▬ DAMS
- ☐ DAMS UNDER CONSTRUCTION

RED NUMBERS INDICATE AVERAGE PRECIPITATION IN INCHES

AREA NO.	AREA
1	TENNESSEE - JOHNSONVILLE TO MOUTH
4	TENNESSEE - PICKWICK TO JOHNSONVILLE
7	DUCK - COLUMBIA TO MOUTH
10	DUCK - ABOVE COLUMBIA
13	BUFFALO - ABOVE LOBELVILLE
15	TENNESSEE - FLORENCE TO PICKWICK
18	BEAR CREEK - ABOVE BISHOP
19	TENNESSEE - DECATUR TO FLORENCE
21	SHOAL CREEK - ABOVE IRON CITY
22	ELK - FAYETTEVILLE TO PROSPECT
23	ELK - ABOVE FAYETTEVILLE
26	TENNESSEE - GUNTERSVILLE TO DECATUR
27	FLINT - ABOVE CHASE
28	PAINT ROCK - ABOVE WOODVILLE
30	TENNESSEE - HALES BAR TO GUNTERSVILLE
33	SEQUATCHIE - ABOVE WHITWELL
34	TENNESSEE - CHICKAMAUGA TO HALES BAR
39	TENNESSEE - WATTS BAR TO CHICKAMAUGA
40	HIWASSEE - RELIANCE AND OCOEE NO. 1 TO CHARLESTON

AREA NO.	AREA
41	OCOEE - BLUE RIDGE TO OCOEE NO 1
46	TOCCOA - ABOVE BLUE RIDGE
48	HIWASSEE - HIWASSEE DAM TO RELIANCE
49	HIWASSEE - MURPHY, NOTTELY DAM AND TOMOTLA TO HIWASSEE DAM
52	NOTTELY - ABOVE NOTTELY DAM
53A	HIWASSEE - CHATUGE DAM TO MURPHY
54A	HIWASSEE - ABOVE CHATUGE DAM
55	VALLEY - ABOVE TOMOTLA
57	TENNESSEE AND CLINCH - FORT LOUDOUN TO WATTS BAR AND KINGSTON TO NORRIS DAM
59	EMORY - ABOVE OAKDALE
62	CLINCH - ARTHUR AND TAZEWELL TO NORRIS
63	POWELL - ABOVE ARTHUR
65	CLINCH - ABOVE TAZEWELL
67	TENNESSEE - KNOXVILLE TO FORT LOUDOUN
69	LITTLE TENNESSEE - CALDERWOOD TO McGHEE
70	LITTLE TENNESSEE - FONTANA AND SANTEETLAH TO CALDERWOOD
71	CHEOAH - ABOVE SANTEETLAH

AREA NO.	AREA
72A	LITTLE TENNESSEE - BRYSON, NEEDMORE NANTAHALA TO FONTANA DAM
73	TUCKASEGEE - DILLSBORO TO BRYSON
74	TUCKASEGEE - ABOVE DILLSBORO
75	LITTLE TENNESSEE - ABOVE NEEDMORE
76	NANTAHALA - ABOVE NANTAHALA
84	FRENCH BROAD AND HOLSTON - DOUGLAS AND CHEROKEE TO KNOXVILLE
87	HOLSTON - GATE CITY AND KINGSPORT TO CHEROKEE DAM
88	NORTH FORK OF HOLSTON ABOVE GATE CITY
89	SOUTH FORK OF HOLSTON - SOUTH HOLSTON DAM AND WATAUGA DAM TO KINGSPORT
92	SOUTH FORK OF HOLSTON - ABOVE SOUTH HOLSTON DAM
93	WATAUGA - ABOVE WATAUGA DAM
99	FRENCH BROAD - HARTFORD, NEWPORT AND BENT CREEK TO DOUGLAS DAM
101	PIGEON - CANTON TO HARTFORD
105	PIGEON - ABOVE CANTON
106	FRENCH BROAD - ASHEVILLE TO NEWPORT
110	FRENCH BROAD - BENT CREEK TO ASHEVILLE
114	FRENCH BROAD - BLANTYRE TO BENT CREEK
117	FRENCH BROAD - ABOVE BLANTYRE
120	NOLICHUCKY - EMBREEVILLE TO BENT CREEK
121	NOLICHUCKY - ABOVE EMBREEVILLE
125	CANEY FORK - ABOVE GREAT FALLS DAM

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

AVERAGE PRECIPITATION
ON
WATERSHED SUBDIVISIONS

YEAR 1946

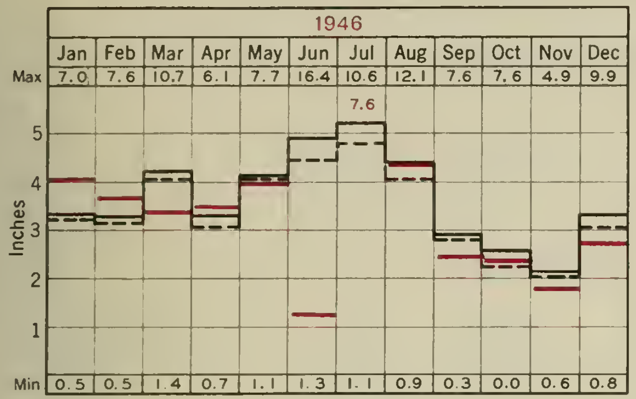
SCALE 10 0 10 20 30 40 MILES

AVERAGE PRECIPITATION OVER WATERSHED SUBDIVISIONS
1946 MONTHLY AND ANNUAL

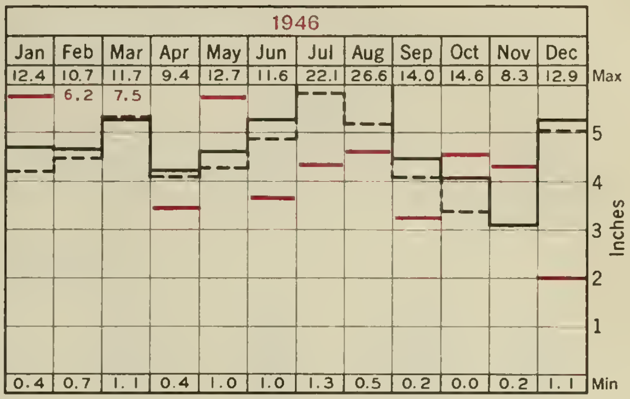
		Average Precipitation--Inches												
Subdivision		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Entire Tennessee River Basin	1946 Average	8.56	6.40	5.23	3.65	5.84	3.21	4.90	3.52	3.93	2.88	4.51	3.61	56.24
	10 Yr. Average	4.90	5.34	5.07	4.13	3.88	3.93	5.11	4.46	3.05	2.43	3.18	4.22	49.70
Area Above Hales Bar	1946 Average	7.71	5.39	4.87	4.00	6.02	3.27	4.67	3.52	3.23	3.39	3.13	3.60	52.80
	10 Yr. Average	4.42	5.03	4.78	3.86	3.94	4.11	5.88	4.70	3.07	2.56	2.71	4.03	49.09
Area Below Hales Bar	1946 Average	9.54	7.56	5.64	3.24	5.64	3.14	5.16	3.52	4.72	2.30	6.08	3.63	60.17
	10 Yr. Average	5.44	5.70	5.41	4.44	3.81	3.72	4.23	4.19	3.03	2.29	3.73	4.43	50.42
French Broad Above Newport	1946 Average	6.45	5.17	6.48	4.18	5.70	2.49	5.12	3.61	2.58	4.56	2.60	2.34	51.28
	10 Yr. Average	4.06	4.47	4.70	3.55	3.96	4.25	6.35	5.62	3.37	2.71	2.59	3.68	49.31
French Broad Above Douglas Dam	1946 Average	6.30	4.80	5.37	4.20	5.24	2.25	4.83	3.84	2.27	4.10	2.37	2.77	48.34
	10 Yr. Average	3.91	4.40	4.45	3.44	3.75	4.01	6.23	5.07	3.22	2.64	2.50	3.53	47.15
Holston Above Cherokee Dam	1946 Average	5.25	3.93	3.34	3.55	4.88	2.04	5.41	3.45	1.99	2.49	2.11	3.11	41.55
	10 Yr. Average	3.48	3.96	3.70	2.95	3.76	3.95	5.72	4.27	3.01	2.49	2.29	3.18	42.76
Holston and French Broad Above Knoxville	1946 Average	6.01	4.53	4.41	3.96	5.17	2.29	5.01	3.69	2.14	3.45	2.31	3.02	45.99
	10 Yr. Average	3.78	4.30	4.17	3.29	3.77	3.98	5.99	4.70	3.11	2.57	2.43	3.43	45.52
Little Tennessee Above McGhee	1946 Average	9.25	6.41	6.93	4.93	6.93	3.66	4.87	3.16	3.38	3.99	3.51	4.67	61.69
	10 Yr. Average	5.44	6.06	5.97	4.58	4.40	4.38	6.77	5.41	3.34	2.72	3.17	4.82	57.06
Little Tennessee Above Fontana Dam	1946 Average	9.43	6.66	7.81	5.00	7.00	3.39	5.20	3.20	3.30	3.91	3.19	4.26	62.35
	10 Yr. Average	5.59	6.20	6.13	4.58	4.35	4.34	7.04	5.48	3.52	2.73	3.24	4.85	58.05
Clinch Above Norris Dam	1946 Average	6.65	4.43	3.51	3.15	4.67	3.22	4.89	5.18	2.76	2.77	2.33	3.26	46.82
	10 Yr. Average	4.06	4.48	4.19	3.41	3.55	4.28	5.45	4.51	2.82	2.43	2.49	3.37	45.04
Hiwassee Above Charleston	1946 Average	9.30	7.37	6.85	4.62	8.05	4.65	4.49	2.83	4.40	3.71	3.86	3.95	64.08
	10 Yr. Average	5.18	6.02	5.99	4.65	4.24	4.39	6.24	5.01	2.96	2.57	3.02	4.86	55.13
Hiwassee Above Hiwassee Dam	1946 Average	9.27	7.58	7.62	4.67	7.98	3.60	4.48	2.38	3.80	3.66	3.07	3.63	61.74
	10 Yr. Average	5.28	6.13	6.21	4.79	4.31	4.54	6.62	5.22	3.16	2.60	3.00	4.85	56.71

Note: 10 Year Averages Based on 1937-1946 Averages.

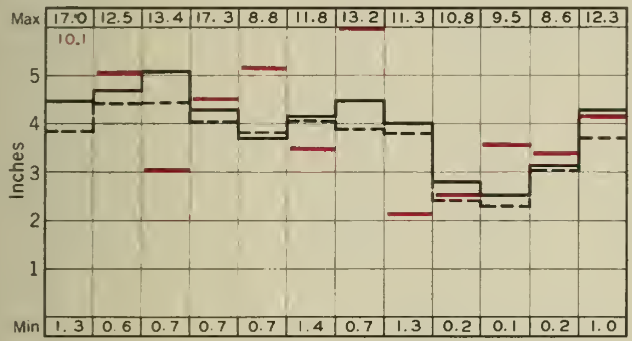
MONTHLY PRECIPITATION AT SELECTED STATIONS



ELIZABETHTON, TENN.



HENDERSONVILLE, N. C.



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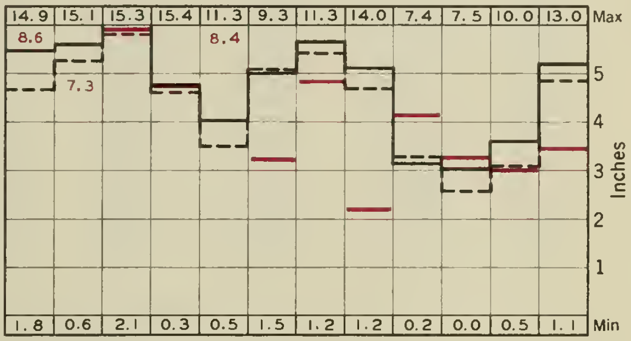

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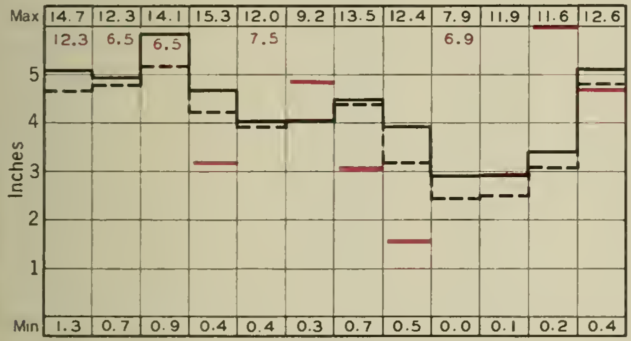

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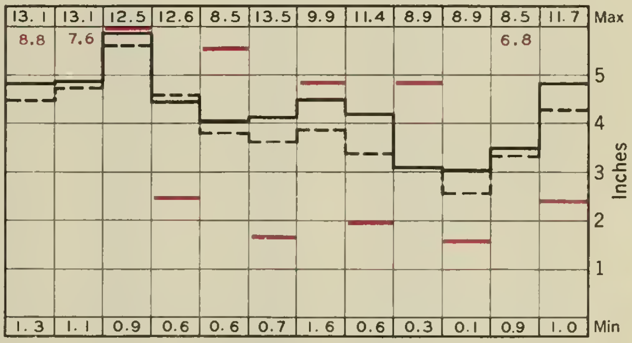
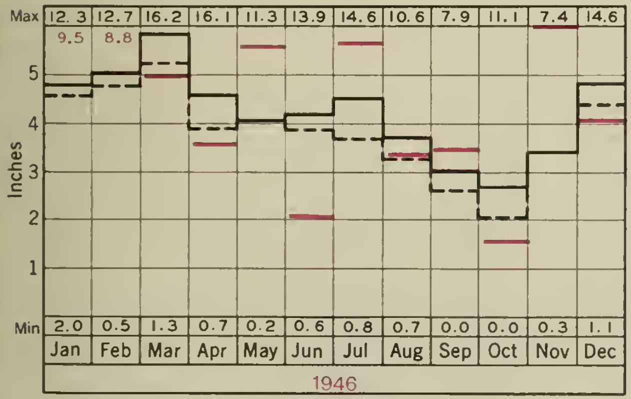
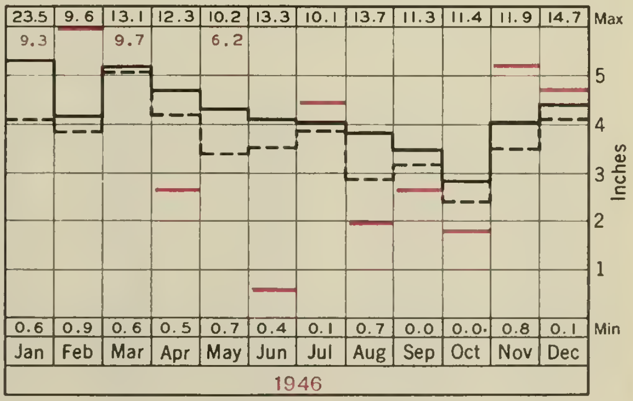


LEWISBURG, TENN.



MUSCLE SHOALS, ALA.



JOHNSONVILLE, TENN.

1946 Record ▬ or 7.3 Mean —— Median – – –

PRECIPITATION STATISTICS FOR SELECTED STATIONS

Precipitation in Inches

			Maximum Rainfall		Minimum Rainfall		
Month	Mean Rainfall	Median Rainfall	Amount	Date	Amount	Date	1946 Rainfall
			Elizabethton, Tennessee				
January	3.34	3.26	7.00	1937	0.46	1896	4.11
February	3.33	3.20	7.59	1944	0.48	1906	3.72
March	4.28	4.03	10.72	1899	1.37	1937	3.35
April	3.32	3.12	6.05	1912	0.65	1942	3.47
May	4.18	4.06	7.73	1915	1.08	1941	4.05
June	4.93	4.48	16.38	1872	1.33	1946	1.33
July	5.22	4.77	10.56	1896	1.10	1872	7.62
August	4.42	4.08	12.14	1901	0.89	1896	4.37
September	2.96	2.82	7.61	1928	0.30	1903	2.50
October	2.59	2.31	7.61	1918	0.02	1904	2.44
November	2.16	2.03	4.86	1938	0.61	1931	1.78
December	3.34	3.12	9.87	1872	0.80	1935	2.78
Annual	44.07	44.44	58.91	1928	29.06	1941	41.52
			Hendersonville, North Carolina				
January	4.75	4.24	12.40	1906	0.39	1907	5.77
February	4.71	4.50	10.73	1891	0.70	1898	6.22
March	5.29	5.32	11.67	1891	1.10	1937	7.54
April	4.24	4.14	9.38	1920	0.43	1915	3.49
May	4.65	4.28	12.70	1942	0.95	1914	5.77
June	5.28	4.90	11.56	1934	0.96	1911	3.70
July	6.28	5.84	22.09	1916	1.29	1930	4.38
August	6.06	5.19	26.58	1901	0.49	1925	4.68
September	4.53	4.13	14.00	1906	0.22	1919	3.34
October	4.10	3.40	14.59	1918	0.01	1904	4.57
November	3.13	3.08	8.27	1914	0.21	1910	4.30
December	5.31	5.05	12.85	1918	1.13	1928	2.03
Annual	58.33	58.28	92.60	1901	32.55	1925	55.79
			Knoxville, Tennessee				
January	4.51	3.88	16.98	1882	1.29	1907	10.06
February	4.71	4.43	12.52	1873	0.56	1898	5.12
March	5.14	4.44	13.35	1917	0.72	1910	3.13
April	4.34	4.01	17.32	1874	0.70	1942	4.47
May	3.78	3.82	8.81	1938	0.71	1941	5.25
June	4.20	4.07	11.83	1928	1.39	1936	3.47
July	4.56	3.93	13.16	1917	0.69	1901	6.03
August	4.00	3.85	11.33	1920	1.25	1896	2.23
September	2.84	2.50	10.78	1944	0.22	1879	2.62
October	2.58	2.42	9.51	1925	0.07	1904	3.65
November	3.18	3.10	8.55	1929	0.17	1890	3.42
December	4.36	3.72	12.34	1901	0.95	1896	4.19
Annual	48.20	47.61	73.87	1875	33.67	1930	52.15

PRECIPITATION STATISTICS FOR SELECTED STATIONS--Continued

Precipitation in Inches

Month	Mean Rainfall	Median Rainfall	Maximum Rainfall		Minimum Rainfall		1946 Rainfall
			Amount	Date	Amount	Date	
Murphy, North Carolina							
January	5.55	4.71	14.85	1882	1.75	1907	8.61
February	5.61	5.30	15.10	1873	0.56	1906	7.26
March	6.26	5.84	15.34	1917	2.09	1918	5.94
April	4.80	4.66	15.40	1874	0.30	1915	4.85
May	4.06	3.55	11.25	1929	0.46	1941	8.43
June	5.00	5.12	9.31	1884	1.53	1936	3.33
July	5.70	5.45	11.28	1910	1.23	1901	4.91
August	5.17	4.76	13.96	1920	1.18	1918	2.28
September	3.21	3.43	7.43	1906	0.20	1876	4.24
October	3.03	2.69	7.50	1925	T	1904	3.29
November	3.65	3.17	10.03	1929	0.51	1924	3.04
December	5.26	4.90	12.98	1932	1.09	1898	3.53
Annual	57.30	56.15	84.80	1875	40.00	1940	59.71
Chattanooga, Tennessee							
January	5.09	4.69	14.74	1882	1.33	1907	12.30
February	4.98	4.84	12.30	1939	0.68	1898	6.47
March	5.90	5.22	14.05	1899	0.93	1910	6.48
April	4.76	4.26	15.29	1911	0.44	1942	3.23
May	4.02	3.98	12.00	1929	0.37	1941	7.46
June	4.08	4.08	9.20	1884	0.29	1931	4.89
July	4.50	4.45	13.49	1916	0.67	1902	3.12
August	3.95	3.22	12.36	1920	0.45	1929	1.60
September	2.96	2.52	7.87	1889	0.04	1919	6.89
October	2.96	2.66	11.91	1925	0.08	1938	2.96
November	3.44	3.14	11.60	1929	0.16	1890	6.00
December	5.14	4.85	12.63	1942	0.44	1889	4.82
Annual	51.78	52.00	72.37	1929	32.68	1904	66.22
Lewisburg, Tennessee							
January	4.85	4.49	13.14	1937	1.26	1943	8.80
February	4.93	4.76	13.14	1939	1.08	1941	7.56
March	5.91	5.63	12.50	1902	0.94	1910	5.97
April	4.47	4.60	12.60	1912	0.56	1915	2.47
May	4.05	3.82	8.50	1933	0.60	1941	5.58
June	4.17	3.63	13.46	1900	0.72	1899	1.70
July	4.49	3.92	9.85	1941	1.55	1930	4.88
August	4.21	3.41	11.40	1923	0.57	1909	2.02
September	3.10	3.10	8.87	1906	0.32	1927	4.87
October	3.01	2.59	8.88	1919	0.05	1924	1.60
November	3.58	3.33	8.50	1945	0.90	1890	6.80
December	4.83	4.30	11.71	1922	1.01	1928	2.46
Annual	51.60	51.52	64.40	1937	37.42	1904	54.71

PRECIPITATION STATISTICS FOR SELECTED STATIONS--Continued

Precipitation in Inches

Muscle Shoals, Alabama*

Month	Mean Rainfall	Median Rainfall	Maximum Rainfall		Minimum Rainfall		1946 Rainfall
			Amount	Date	Amount	Date	
January	4.84	4.59	12.25	1937	1.98	1914	9.50
February	5.04	4.80	12.74	1939	0.54	1941	8.81
March	5.87	5.32	16.15	1897	1.26	1910	4.99
April	4.61	3.98	16.07	1892	0.74	1930	3.65
May	4.08	4.08	11.29	1939	0.16	1941	5.61
June	4.24	3.96	13.87	1900	0.60	1897	2.08
July	4.57	3.76	14.60	1916	0.77	1935	5.72
August	3.94	3.29	10.60	1894	0.70	1899	3.37
September	3.06	2.78	7.87	1890	0.00	1897	3.47
October	2.71	2.07	11.05	1918	0.00	1924	1.64
November	3.46	3.49	7.38	1919	0.27	1890	6.04
December	4.86	4.41	14.59	1926	1.10	1889	4.08
Annual	51.28	50.71	76.21	1932	30.92	1943	58.96

*Before December 1940 the Muscle Shoals, Alabama, station was at Florence, Alabama.

Johnsonville, Tennessee

Month	Mean Rainfall	Median Rainfall	Maximum Rainfall		Minimum Rainfall		1946 Rainfall
			Amount	Date	Amount	Date	
January	5.35	4.14	23.51	1937	0.64	1944	9.30
February	4.19	3.80	9.56	1939	0.92	1895	5.99
March	5.22	5.12	13.07	1927	0.59	1910	9.72
April	4.76	4.23	12.29	1892	0.53	1887	2.69
May	4.34	3.42	10.19	1909	0.70	1891	6.22
June	4.16	3.56	13.34	1928	0.37	1930	0.64
July	4.05	3.90	10.12	1892	0.06	1890	4.52
August	3.87	2.91	13.70	1914	0.73	1900	2.00
September	3.49	3.20	11.31	1921	0.00	1897	2.72
October	2.91	2.44	11.44	1919	T	1924	1.79
November	4.06	3.66	11.90	1906	0.80	1910	5.24
December	4.57	4.11	14.66	1926	0.05	1889	4.84
Annual	50.97	49.73	75.80	1919	33.97	1941	55.67

INTENSE RAINFALL--1946

Records of intense rainfall at recording and nonrecording stations appear in the monthly issues of this bulletin. The following table shows the maximum rate of rainfall for each time interval and for each class of gage. In the case of recording gages, the second largest is also given.

Station No.	Station Name	Date of Record	Duration (Hours)	Rainfall (Inches)
		Recording Stations		
505	Sugar Hill, Tenn.	July 21	1	2.28
152	Glade Gap, N. C.	July 14	1	2.15
490	Fort Loudoun Dam, Tenn.	July 2	2	3.27
403	Guntersville, Ala.	July 9	2	3.10
403	Guntersville, Ala.	July 9	3	3.92
490	Fort Loudoun Dam, Tenn.	July 2	3	3.31
403	Guntersville, Ala.	July 9	6	5.30
505	Sugar Hill, Ala.	Jan. 6-7	6	4.47
505	Sugar Hill, Ala.	Jan. 6-7	12	6.53
403	Guntersville, Ala.	July 9	12	6.02
505	Sugar Hill, Ala.	Jan. 6-7	24	7.50
34a	Savannah, Tenn.	Jan. 6-7	24	6.94
		Nonrecording Stations		
194	Needmore, N. C.	July 2	0.17	2.56
50	Ethridge, Tenn.	May 21	0.42	1.11
351	Cleveland, Va.	July 1	1.00	2.42
339	Jonesville, Va.	Aug. 5	1.58	2.03
64	Madison, Ala.	Nov. 10	2.00	2.34
83	Bridgeport, Ala.	July 22	2.58	3.86
408	Sugar Grove, Va.	July 21	3.50	3.83
605	Belleville, Tenn.	June 15	4.50	3.35
306	Bluff City, Tenn.	July 14-15	5.50	3.30
530	Monte Sano, Ala.	June 14-15	6.00	2.38
624	New Market, Ala.	Aug. 30	9.00	4.75
386	Sylvania, Ala.	Nov. 10-11	10.00	4.14
384	Falkville, Ala.	July 8-9	*	7.57

*Occurred in 24 hours or less, exact duration unknown.

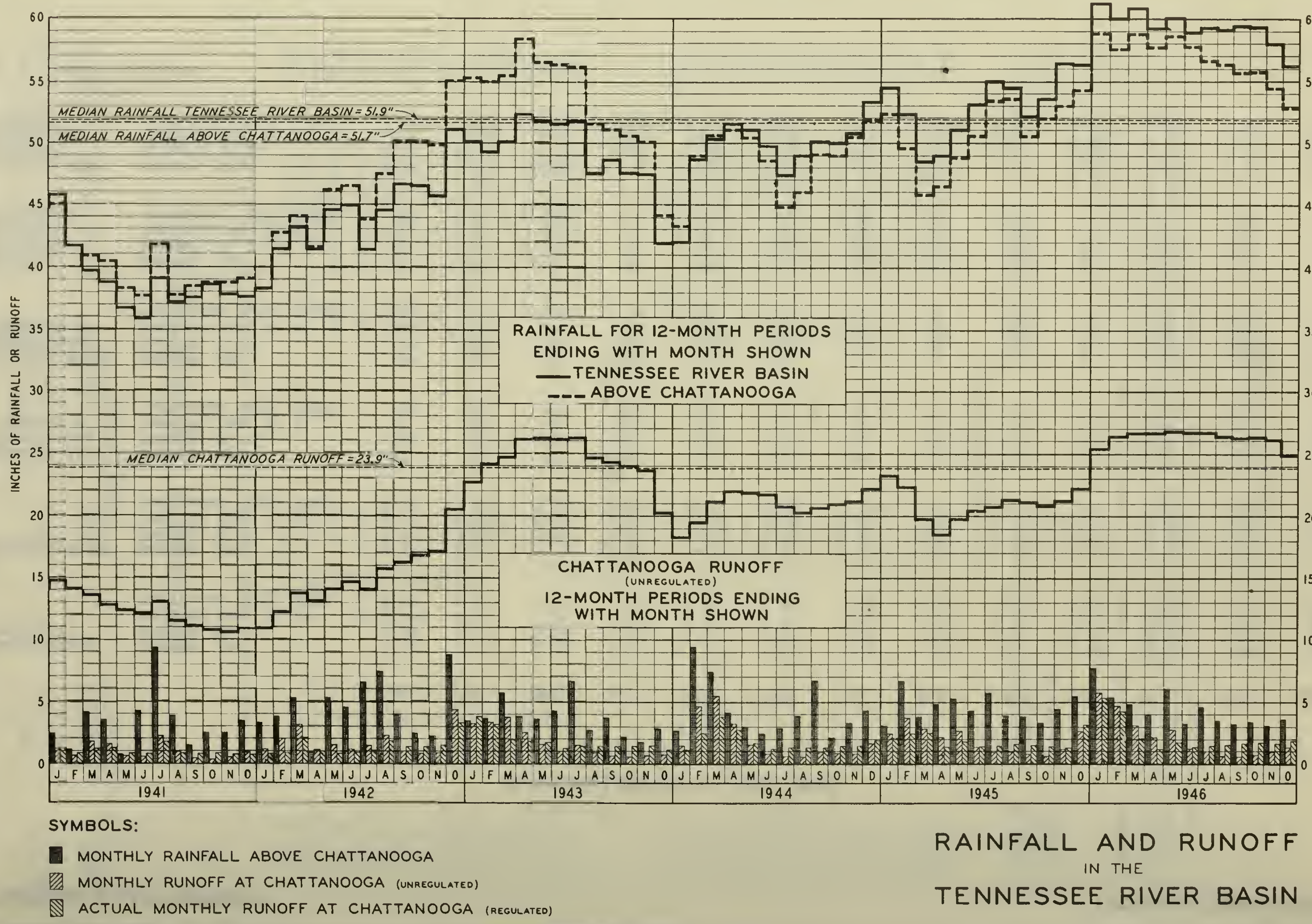
ANNUAL STREAM FLOW IN INCHES--1946

Tennessee River at	Water Year		Calendar Year	
	Actual	Mean	Actual	Mean
Knoxville	21.22	19.54	19.36	19.55
Chattanooga	26.29	23.77	24.80	23.76

EVAPORATION DATA—YEAR 1946

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Evaporation (Inches)	Murray, Ky.	0.92	1.70	2.95	4.52	3.78	6.47	6.18	5.30	4.20	3.22	2.27	1.22a	42.73
	Murphy, N. C.	0.88	1.57	3.25	4.00	4.65	5.56	5.05	5.10	3.57	2.50	1.54	0.75	38.42
	Beetree Dam, N. C.	1.00a	1.74	2.55	4.87	4.07	5.07	4.70	4.62	3.35	3.01	2.15	1.29	38.42
	Jefferson City, Tenn.	0.95	1.64	3.36	4.27	4.83	5.98	6.48	4.92	3.84	2.89	1.35	1.09	41.60
Precipitation	Murray, Ky.	5.58	6.96	5.73	2.20	5.13	0.67	4.96	3.42	1.83	3.00	5.16	4.00	48.64
	Murphy, N. C.	8.62	8.24	5.90	4.85	8.43	3.28	4.91	2,28	4.24	3.29	3.04	3.93	61.01
	Beetree Dam, N. C.	4.73	3.95	6.39	3.66	4.10	0.75	3.62	2.96	2.57	5.51	1.72	2.06	42.02
	Jefferson City, Tenn.	8.01	5.41	3.15	3.12	6.20	3.00	3.30	4.48	1.37	3.68	2.27	4.64	48.63
Average Air Temperature (Degrees F)	Murray, Ky.	37	42	56	62	64	76	78	74	71	61	52	45	60
	Murphy, N. C.	41a	41	54	56	63	70	74	72	67	55	52	43	57
	Beetree Dam, N. C.	35	38	49	52	60	67	70	66	63	57	52	41	54
	Jefferson City, Tenn.	37a	40	53	57	62	71	76	70	68	59	52	41	57
Average Water Temperature (Degrees F)	Murray, Ky.	38a	45a	60	66	70	81	84	79	74	58	52	45a	63
	Murphy, N. C.	42a	43a	60	63	70	79	83	80	74	61	55	47a	63
	Beetree Dam, N. C.	38a	45	55	60a	67	73	76	71	69a	59	53	45a	59
	Jefferson City, Tenn.	39a	45a	60a	56a	64	78	83	77	72	58	53	43a	61
Average Relative Humidity (Percent)	Murray, Ky.	76	68	74	72	80	75	80	80	79	72	77	77	76
	Murphy, N. C.	86	77	79	78	84	84	88	83	85	81	82	84	83
	Beetree Dam, N. C.	82	70	80	75	84	83	89	85a	78	71	70	66	78
	Jefferson City, Tenn.	82a	62	68	68	77	74	78	78	75	74	77	74a	74
Average Wind Velocity (Miles per (Hour)	Murray, Ky.	1.52	1.67	1.30	1.12	0.63	0.63	0.44	0.57	0.51	0.67	1.04	1.30	0.95
	Murphy, N. C.	1.05	1.19	1.11	0.86	0.64	0.32	0.15	0.21	0.15	0.23	0.45	0.51	0.57
	Beetree Dam, N. C.	1.38	1.94	1.40	1.50	0.84	0.64	0.61	0.55	0.64	0.80	1.03	1.23	1.05
	Jefferson City, Tenn.	1.06	1.61	1.25	1.17	0.55	0.51	0.32	0.18a	0.23	0.45	0.55	0.96	0.74

a = Partly estimated.



RAINFALL AND RUNOFF
IN THE
TENNESSEE RIVER BASIN

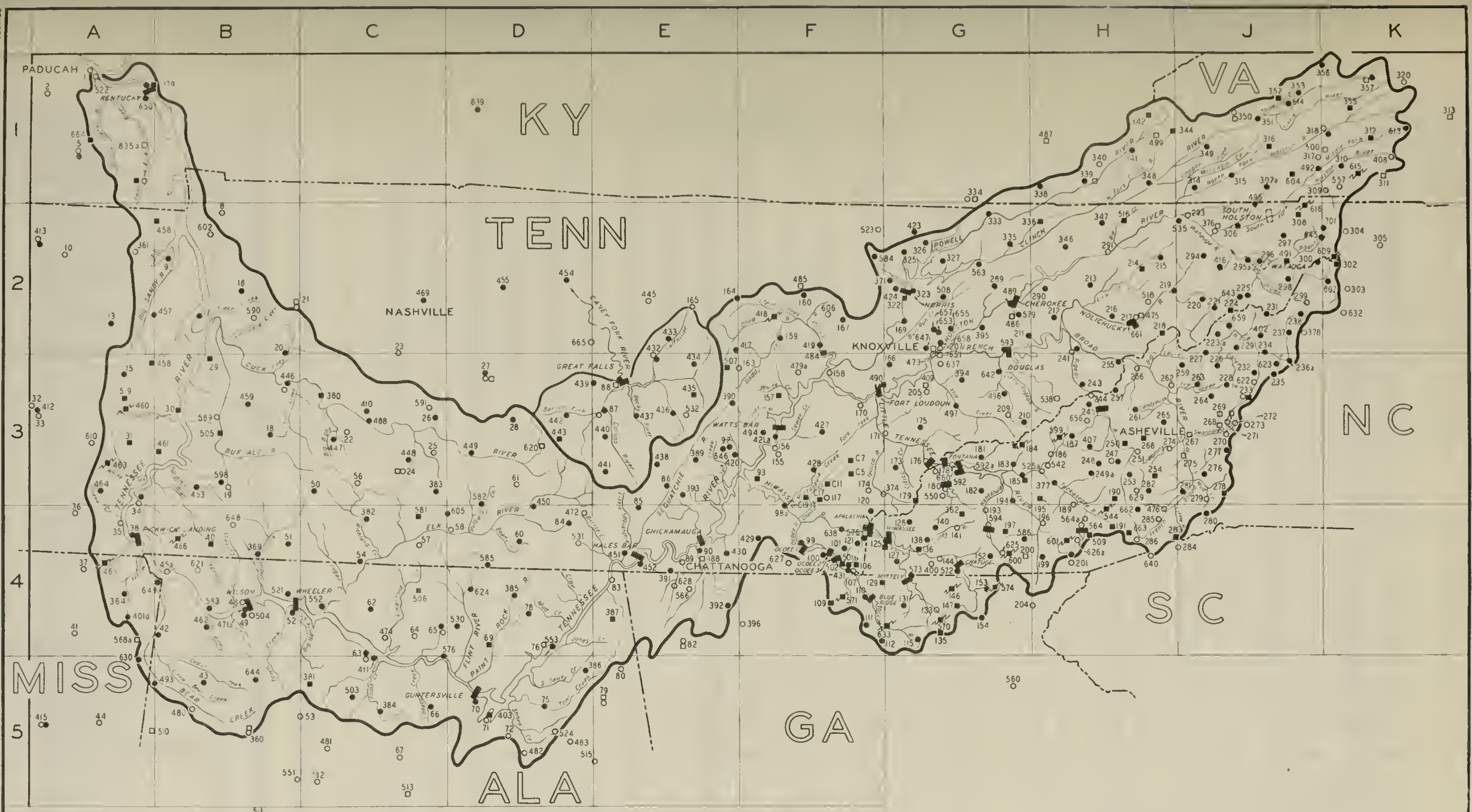
MEAN MONTHLY AND ANNUAL DISCHARGES

TENNESSEE RIVER AT CHATTANOOGA, TENNESSEE

Period of Record April 1, 1874, to December 31, 1946

Drainage Area 21,400 Square Miles

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL
						Cubic Feet Per Second							
Maximum	174,800	147,800	178,500	136,400	98,000	72,000	72,300	79,400	51,500	58,900	72,400	94,800	57,600
Minimum	9,200	12,700	24,100	19,400	11,300	9,600	8,300	4,760	3,990	5,510	5,800	7,700	17,690
Mean	56,100	65,400	70,200	57,700	38,100	28.600	25,400	22.300	17,100	15,200	20,700	35,100	37,500
Median	52,300	62,800	60,700	52,400	34,700	24,600	21,500	18,700	13,800	13,300	16,100	29.900	37,300
						Inches of Runoff							
Maximum	9.42	7.45	9.62	7.11	5.28	3.75	3.90	4.28	2.69	3.17	3.77	5.11	36.54
Minimum	0.50	0.62	1.30	1.01	0.61	0.50	0.45	0.26	0.21	0.30	0.30	0.41	11.22
Mean	3.02	3.21	3.78	3.01	2.05	1.49	1.37	1.20	0.89	0.82	1.08	1.89	23.81
Median	2.82	3.08	3.27	2.73	1.87	1.28	1.16	1.01	0.72	0.72	0.84	1.61	23.64



LEGEND

●	T.V.A. DAILY RAIN GAGES
■	T.V.A. RECORDING RAIN GAGES
■╱	T.V.A. RADIO RAIN GAGES
○	U.S.W.B., U.S.E.D., U.S.F.S., U.S.D.I., AND OTHER AGENCY DAILY RAIN GAGES
□	U.S.W.B., U.S.E.D., U.S.F.S., U.S.D.I., AND OTHER AGENCY RECORDING RAIN GAGES
▬	DAM
⬚	DAM UNDER CONSTRUCTION

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

INDEX TO
RAINFALL STATIONS

SCALE 10 0 10 20 30 40 50 MILES

TENNESSEE VALLEY AUTHORITY

MONTHLY AND ANNUAL PRECIPITATION—1946

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Totel	Nor'l	Total	Nor'l	Totel	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Totel	Nor'l	Total	Nor'l	Total	Nor'l	Totel	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
412	JACKSON SUBSTA.	A-3	TVA	360	8	9.80	4.09	#6.28	4.81	7.82	5.36	1.92	4.64	3.98	3.65	3.18	4.89	9.95	3.65	4.25	4.25	4.12	3.42	2.62	2.40	5.29	4.83	4.81	4.63	#64.02	50.62	---
32	JACKSON	A-3	USWB	450	57	8.19	4.75	6.47	3.55	7.79	4.92	1.71	4.59	3.89	4.36	1.94	3.65	8.66	3.37	3.15	3.97	3.59	3.23	2.48	3.30	5.23	3.49	4.59	4.78	57.69	47.96	7.0
33	JACKSON NO. 2	A-3	USWB	460	20	8.41	5.71	6.32	4.27	7.17	5.52	2.11	4.77	4.02	4.36	3.05	4.14	6.74	3.63	3.06	4.16	2.71	3.44	2.73	3.04	4.66	3.76	5.00	4.80	55.98	51.60	6.6
10	DRESDEN	A-2	USWB	422	21	6.22	5.72	6.42	3.74	6.08	5.04	2.00	4.49	6.13	4.36	1.29	4.41	4.52	3.12	3.60	3.34	2.91	2.99	2.45	3.15	5.74	3.38	3.58	4.43	50.94	48.17	6.0
413	MARTIN SUBSTA.	A-2	TVA	385	B	5.36	3.31	7.51	4.73	5.01	5.62	1.91	4.47	6.70	4.62	1.34	4.52	6.22	3.26	3.58	3.54	2.45	2.40	4.10	2.74	6.04	3.98	4.33	3.50	54.55	46.69	---
413a	MARTIN	A-2	USWB	387	11	5.59	5.81	6.52	4.39	4.61	4.27	2.51	4.62	5.49	4.39	2.72	4.86	4.04	3.10	3.22	3.11	2.92	2.18	3.54	3.02	5.89	3.22	4.43	3.60	51.48	46.57	5.0
414	MEMPHIS, TENNESSEE SUBSTA.	-	TVA	295	8	#10.13	4.14	5.24	4.66	5.71	5.22	3.01	4.64	6.34	3.42	3.66	3.18	4.62	2.72	0.78	2.32	1.60	2.89	3.59	2.99	6.55	4.67	#3.23	4.84	#54.43	45.69	7.5
414a	MEMPHIS, TENNESSEE (R)	-	USWB	271	76	8.86	4.81	4.73	4.36	5.49	5.26	4.90	4.78	4.75	4.19	4.12	3.55	1.69	3.18	1.22	3.36	1.61	2.80	2.66	2.68	5.46	4.24	3.91	4.51	49.40	47.72	6.3
415	TUPELO SUBSTA.	A-5	TVA	256	8	9.78	3.85	9.78	5.70	7.03	6.75	2.12	3.38	6.54	3.24	5.13	4.09	9.43	4.53	1.38	2.38	3.95	3.03	2.29	1.57	7.55	4.35	2.43	4.84	67.41	47.71	---
415a	TUPELO	A-5	USWB	278	41	10.43	4.63	9.92	4.44	7.21	5.66	2.77	4.63	8.06	4.60	5.14	4.00	7.79	4.40	1.53	3.78	4.45	3.28	2.30	2.75	7.88	3.68	4.80	5.57	72.28	51.42	---
454	CARTHAGE SUBSTA.	D-2	TVA	500	8	9.39	3.67	4.67	4.84	5.90	5.50	2.61	3.77	6.52	4.17	2.43	3.91	3.19	2.96	3.70	4.62	2.15	2.94	1.91	1.93	5.14	4.62	2.91	4.29	50.52	47.22	---
455	LEBANON SUBSTA.	D-2	TVA	530	32	9.18	4.57	4.92	3.98	5.13	5.56	2.40	4.45	6.55	4.59	2.38	4.25	1.86	4.17	3.11	4.39	1.92	2.93	2.59	3.25	5.92	3.90	3.09	4.71	49.05	50.75	---
469	SOUTH NASHVILLE SUBSTA.	C-2	TVA	425	7	12.15	4.38	3.92	4.32	5.34	5.31	2.74	3.75	4.00	3.66	1.76	2.21	4.38	3.55	2.72	3.39	3.61	3.32	2.26	1.77	3.76	3.81	4.19	4.22	50.83	43.69	---
639	BOWLING GREEN SUBSTA.	D-1	TVA	470	3	3.77		5.81		6.74		2.13		5.74		2.12		3.43		3.63		3.89		1.72		3.35		4.26		46.59		5.4
	TENNESSEE RIVER BELOW JOHNSONVILLE																															
1	PADUCAH	A-1	USWB	341	65	4.86	4.37	5.96	3.62	2.38	4.89	2.57	4.54	8.23	3.90	0.28	4.06	4.12	3.43	4.61	3.46	0.99	3.04	2.80	2.90	7.04	3.84	3.39	3.59	47.23	45.64	4.5
522	PADUCAH (NEAR) (R)	A-1	SCS	348	6	4.28	2.80	5.38	3.65	1.96	4.46	2.10	4.08	6.91	4.43	0.36	2.85	3.57	2.28	3.98	3.07	0.70	2.11	2.80	2.80	5.93	3.20	3.42	2.74	41.39	38.47	---
2	LOVELACEVILLE	A-1	USWB	479	22	2.82	4.68	6.03	3.90	1.86	5.32	3.73	4.78	10.04	3.75	1.33	4.51	1.71	2.68	7.01	3.58	0.80	3.58	3.06	3.53	7.24	3.50	3.56	3.62	49.79	47.43	5.0
650	GILBERTSVILLE (NEAR)	A-1	TVA	405	3	4.29		#7.27		3.76		2.71		6.58		0.97		4.78		2.86		1.24		2.95		7.08		3.47		#47.96		---
379	KENTUCKY DAM (R)	A-1	TVA	362	9	4.59	3.22	6.24	4.51	3.76	4.89	3.22	4.58	5.50	3.77	0.94	3.58	#5.25	3.24	3.91	3.55	1.35	2.09	2.74	2.17	7.23	3.64	3.36	2.87	#48.09	42.11	---
379a	KENTUCKY DAM	A-1	TVA	362	2	4.81		6.23		3.56		3.00		5.49		0.59		5.07		3.79		1.21		2.83		7.09		3.34		47.01		---
664	MAYFIELD (NEAR)	A-1	TVA	525	2	4.98		5.51		3.23		1.75		7 65		0.67		4.15		4.49		0.76		2.87		7.67		3.67		47.40		0.7
5	MAYFIELD	A-1	USWB	364	34	5.03	4.71	5.57	3.35	3.25	4.84	1.85	4.41	7.54	4.12	1.22	3.73	4.57	3.88	4.86	3.48	1.06	3.07	3.17	2.98	8.98	3.73	4.52	3.99	51.62	46.29	3.0
5a	MAYFIELD SUBSTA.	A-1	TVA	364	4	5.17		6.19		2.83		2.02		#7.20		0.27		5.43		4.61		1.77		3.10		8.42		4.10		#51.11		---
635a	BENTON (R)	A-1	USWB	410	3	#5.00		#6.90		#4.40		#2.00		#6.10		1.59		3.38		3.22		1.18		#2.80		#6.00		4.25		#46.82		---
7	MURRAY	A-1	USWB	412	22	5.77	5.22	6.20	3.99	5.85	5.55	2.09	4.41	4.81	4.16	1.39	4.03	4.01	3.26	1.93	3.32	1.50	3.38	2.74	3.00	4.63	3.31	3.77	3.79	44.69	47.42	4.5
7a	MURRAY EVAP. STA. (R)	A-1	TVA	550	4	5.58		7.05		5.83		2.25		5.13		0.68		5.19		3.44		1.83		3.05		4.96		3.73		4B.72		---
8	DOVER	B-2	USWB	492	54	6.62	5.37	5.80	3.79	6.92	4.83	1.81	4.45	3.42	4.12	1.22	4.11	4.98	3.38	4.24	3.58	4.16	3.25	1.68	3.30	5.06	3.81	4.06	4.62	49.97	48.61	1.0
602	DOVER FIRE TOWER	B-2	TENN	762	5	8.39		4.55		-		-		5.38		-		-		-		-		1.76		-		-		-----		---
456	BUCHANAN (R)	B-2	TVA	435	7	6.87	3.25	5.94	4.42	#6.05	5.53	1.98	4.21	5.55	4.05	0.52	2.99	2.95	3.32	3.49	4.39	0.98	2.31	2.36	2.33	5.16	4.21	4.19	3.39	#46.04	44.40	---
9	SPRINGVILLE	B-2	TVA	377	33	7.66	5.45	5.25	3.94	7.08	5.29	2.13	4.40	6.42	4.54	0.96	3.31	3.86	3.83	3.09	3.62	1.34	3.10	2.04	2.74	5.17	3.93	4.49	4.60	49.49	48.75	1.5
361	PARIS	A-2	USWB	504	9	7.03	5.44	5.22	4.55	5.95	5.60	3.07	4.34	4.36	3.64	0.82	4.04	2.93	4.20	3.53	3.39	1.29	2.65	2.07	3.18	5.51	3.40	4.38	4.61	46.16	49.04	5.0
13	HUNTINGDON	A-2	TVA	435	18	7.40	5.83	4.73	4.18	7.95	6.15	1.92	4.66	4.19	4.62	1.39	3.84	3.30	4.07	3.39	3.57	2.51	3.22	1.79	2.67	4.59	3.67	5.22	3.97	48.38	50.45	6.0
15	WILDERSVILLE	A-3	TVA	480	35	9.99	5.61	6.14	4.16	8.46	5.08	1.60	4.50	4.91	4.48	2.54	4.11	4.17	3.80	3.69	4.16	2.42	3.00	2.26	2.88	5.33	3.95	4.72	4.72	56.23	50.45	---
16	ERIN (NEAR)	B-2	TVA	470	12	8.46	6.06	4.92	4.40	8.57	5.51	2.17	3.82	4.53	3.70	0.91	3.11	3.99	4.62	4.27	3.30	3.07	3.04	1.84	2.51	4.62	3.84	5.86	4.27	53.21	48.13	7.1
17	JOHNSONVILLE	B-2	TVA	375	64	9.30	5.35	5.99	4.19	9.72	5.22	2.69	4.76	6.22	4.34	0.64	4.16	4.52	4.05	2.00	3.87	2.72	3.49	1.79	2.91	5.24	4.06	4.84	4.57	55.67	50.97	---
	DUCK RIVER																															
459	PLEASANTVILLE	B-3	TVA	562	8	10.71	4.45	5.63	5.01	5.31	5.59	1.63	4.50	4.00	3.27	2.34	2.86	6.53	2.93	2.41	5.66	3.24	3.19	1.80	2.00	5.27	4.47	3.69	4.78	52.56	48.71	---
589	LINDEN	B-3	USWB	500	6	11.43	5.16	5.23	4.13	6.15	5.50	1.53	4.68	3.30	4.23	2.33	4.23	4.81	3.99	1.21	3.96	3.41	3.09	2.12	3.42	4.74	3.7B	4.39	5.32	50.65	51.49	5.7
505	SUGAR RILL (R)	B-3	TVA	610	6	13.16	5.63	5.61	4.87	5.54	4.95	1.82	4.32	2.81	2.93	2.22	1.96	7.19	3.15	3.28	6.06	3.66	3.83	2.04	2.26	5.50	4.05	3.34	4.93	56.17	48.94	---
18	HOHENWALD	B-3	TVA	975	59	8.87	5.29	5.62	4.78	5.62	5.99	2.31	5.00	3.25	4.34	1.44	4.28	4.59	4.28	4.94	4.43	4.17	3.16	2.06	2.84	5.91	4.04	3.56	5.26	52.34	53.69	8.6
598	WAYNESBORO (NEAR)	B-3	TVA	1010	5	8.06		5.93		6.59		2.80		5.21		3.46		2.60		3.26		3.77		2.27		6.82		3.26		54.03		10.0
19	WAYNESBORO	B-3	USWB	730	62	7.00	5.00	6.96	4.22	6.09	5.67	3.52	5.38	5.20	4.80	2.87	4.07	1.07	4.53	3.97	4.60	3.77	3.23	2.72	3.25	8.22	3.78	3.51	5.63	54.90	54.16	4.0
590	MCEWEN (NEAR)	B-2	USWB	500	6	6.85		4.81		8.20		1.52		5.94		0.45		7.36		3.61		3.40		1.35		4.15		4.58		52.22		---
20	PINEWOOD	B-2	TVA	520	33	10.97	5.47	5.00	3.90	5.69	5.10	2.44	4.80	4.66	4.17	1.42	3.46	4.78	3.95	3.20	4.16	2.33	2.73	1.88	2.74	4.95	3.60	3.31	4.92	50.63	49.00	9.0
21	DICKSON	B-2	USWB	800	54	7.73	5.23	5.13	3.74	8.49	5.36	1.76	4.81	6.14	4.63	3.34	4.30	4.32	3.88	3.11	4.06	3.24	2.84	1.71	3.14	4.74	3.87	6.00	4.92	55.71	50.78	10.7
21a	DICKSON (R)	B-2	USWB	800	7	7.64	3.53	5.95	4.30	7.82	5.30	1.59	4.09	5.73	3.70	2.98	2.86	3.41	3.23	2.87	4.87	2.99	2.62	1.60	2.27	4.48	4.56	5.04	4.98	52.70	46.31	---
446	CENTERVILLE SUBSTA.	B-3	TVA	550	8	#12.49	4.43	5.29	4.97	4.71	5.16	2.21	4.18	3.85	3.10	1.84	2.49	5.13	3.09	4.94	5.19	2.69	3.25	1.47	1.70	5.09	3.99	3.03	4.48	#52.74	46.03	10.1
446a	CENTERVILLE	B-3	USWB	600	7	12.16	4.30	#5.56	4.06	5.00	6.26	2.38	4.36	4.62	3.98	2.86	4.19	4.88	3.69	3.44	4.14	2.34	3.37	1.61	1.92	4.86	3.85	3.52	4.46	#53.23	48.58	9.8
380	SHADY GROVE (R)	C-3	TVA	580	9	9.52	4.44	5.37	5.84	4.66	4.79	3.37	4.13	3.53	2.98	1.45	2.44	4.23	3.45	4.31	4.07	2.50	2.96	1.55	1.56	5.38	3.66	3.04	4.25	48.91	44.57	---
447	MT. PLEASANT SUBSTA.	C-3	TVA	650	8	6.97	3.53	#6.19	5.73	4.90	5.45	3.00	3.98	4.35	3.26	1.02	1.99	6.27	4.15	4.69	4.82	3.51	4.27	1.78	2.14	5.91	3.79	3.06	4.50	#51.65	47.61	---
22	ASHWOOD	C-3	USWB	725	74	6.89	4.72	5.87	3.82	6.51	5.17	3.26	4.34	5.98	4.25	2.53	3.92	9.96	3.54	3.69	4.02	2.58	3.10	2.30	3.09	5.99	3.28	2.40	4.66	57.96	47.91	7.5
410	COLUMBIA SUBSTA.	C-3	TVA	620	8	7.38	3.56	5.54	5.22	5.98	5.15	2.56	3.95	5.21	2.90	1.61	2.88	6.05	3.35	4.13	5.26	2.56	4.28	1.76	1.92	6.40	3.90	2.86	4.39	52.04	46.76	---
468	COLUMBIA HYDRO DAM	C-3	TVA	625	8	7.89	3.60	5.56	5.18	5.53	5.00	2.71	3.87	5.37	3.14	2.34	2.52	5.14	4.12	3.77	5.70	3.19	4.70	2.34	2.26	6.47	3.90	2.81	4.08	53.12	48.07	---
23	FRANKLIN	C-2	USWB	625	67	8.93	4.71	4.74	3.89	6.52	5.25	2.23	4.70	4.47	3.98	1.63	4.27	6.13	3.55	5.26	3.97	2.15	3.01	1.65	3.00	5.50	3.68	3.17	4.84	52.38	48.85	6.0
448	LEWISBURG NO. 2 SUBSTA.	C-3	TVA	740	8	9.20	3.96	7.11	6.24	5.53	5.04	2.42	4.34	5.81	3.97	3.61	3.17	6.57	5.24	2.17	3.69	5.00	4.12	1.80	1.97	7.14	3.64	2.72	4.15	59.08	49.53	4.7
24	LEWISBURG (NEAR)	C-3	USWB	787	53	8.80	4.93	7.56	4.36	5.97	5.78	2.47	4.58	5.58	4.25	1.70	4.25	4.88	4.24	2.02	4.51	4.87	3.01	1.60	3.30	6.80	3.47	2.46	5.29	54.71	51.97	6.5
24a	LEWISBURG (NEAR) (R)	C-3	USWB	787	7	8.57	3.66	7.48	6.68	5.81	5.14	2.21	3.97	5.48	3.52	1.48	2.80	4.56	4.94	1.94	3.35	4.22	3.60	1.54	2.00	7.02	4.07	2.91	4.65	53.22	48.38	---
25	PALMETTO	C-3	USWB	770	57	B.35	4.68	7.79	4.16	5.18	5.33	2.15	4.38	4.80	4.43	3.32	4.43	6.26	4.58	1.58	4.1B	4.80	2.96	1.89	3.39	6.00	3.28	3.36	4.98	55.48	50.78	5.0
26	CHAPEL HILL	C-3	TVA	675	12	9.41	5.32	7.05	5.53	6.40	5.19	2.42	4.18	7.10	4.35	2.47	2.96	7.26	4.48	2.82	4.66	4.85	3.75	2.32	2.44	7.59	4.40	2.37	4.00	62.06	51.26	---
591	HOLTLAND	C-3	USWB	700	6	8.47		6.55		5.52		3.09		7.29		2.06		10.68		1.61		4.52		2.13		#7.20		3.49		#62.61		---
27a	MURFREESBORO	D-3	USWB	60B	65	8.94	4.75	5.62	3.67	5.47	5.16	2.93	4.48	6.18	4.14	1.45	3.93	4.56	4.33	3.04	4.19	2.96	3.07	1.92	3.07	6.83	3.49	2.51	4.67	52.41	48.95	2.0
27b	MURFREESBORO SUBSTA.	D-3	TVA	580	7	9.14	3.75	5.59	5.52	5.86	5.62	2.94	3.76	6.66	3.88	1.26	2.39	4.47	4.43	2.86	4.29	3.40	4.15	1.95	1.81	6.87	4.60	2.60	4.47	53.60	48.67	---
27c	MURFREESBORO (R)	D-3	USWB	608	7	8.93	3.52	5.55	5.32	5.16	4.78	2.60	3.23	5.68	3.49	1.25	2.21	4.49	3.94	2.74	3.90	2.76	4.03	1.81	1.82	6.52	3.83	3.13	4.66	50.62	44.73	---
449	SHELBYVILLE DAM	D-3	TVA	740	8	8.75	3.63	7.29	6.00	4.14	5.15	3.56	3.94	6.46	3.70	2.98	3.15	5.41	3.79	3.47	4.31	3.60	3.92	2.59	1.89	6.12	3.68	2.95	4.77	57.32	47.93	---
28	BEECH GROVE	D-3	TVA	875	10	9.88	5.37	7.07	6.12	3.97	5.34	3.44	3.79	6.70	4.44	4.17	3.47	2.22	4.12	2.91	5.70	5.28	3.96	2.07	2.26	6.61	4.14	4.24	4.56	58.56	53.27	---
620	MANCHESTER (R)	D-3	USWB	1060	5	8.19		7.68		#4.11		2.21		5.41		3.07		3.36		3.45		4.15		2.49		4.81		#3.60		#52.53		---

(#) Interpolated or partly interpolated.   (R) Recorder at present.

MONTHLY AND ANNUAL PRECIPITATION—1946—Continued

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	TENNESSEE RIVER - PICKWICK TO JOHNSONVILLE																															
458	CAVVIA	A-3	TVA	598	8	8.32	3.68	5.07	4.54	7.04	5.89	2.05	4.68	3.77	3.64	2.02	3.39	3.82	3.03	2.83	4.25	2.93	3.50	1.53	2.57	5.77	4.96	3.82	4.29	48.97	48.42	5.5
29	CUBA LANDING (R)	B-3	TVA	444	12	8.17	5.42	4.98	4.41	7.25	5.30	1.23	4.05	4.14	3.65	3.48	3.71	6.31	3.85	1.79	2.71	4.24	2.40	1.26	2.49	4.10	3.60	2.87	3.93	49.82	45.52	---
30	PERRYVILLE	B-3	TVA	430	51	11.39	5.38	6.37	4.22	5.54	5.80	1.90	4.59	4.02	4.07	2.00	4.00	6.73	3.89	4.09	3.74	3.88	2.98	2.00	3.07	4.59	3.86	3.33	5.01	55.84	50.61	---
460	LEXINGTON (RADIO)	A-3	TVA	465	7	9.6	3.5	5.6	4.1	6.2	4.7	1.2	4.0	3.6	2.7	1.2	2.4	3.8	2.6	4.8	3.8	2.6	2.6	1.7	2.1	4.9	4.6	3.8	4.3	49.0	41.4	---
519	OAK GROVE (R)	A-3	TVA	532	6	10.38	4.49	5.81	4.65	6.40	5.31	1.76	4.66	4.44	3.63	1.61	3.32	5.16	2.86	4.09	4.69	3.39	3.50	2.12	3.04	5.64	5.17	4.09	4.88	54.89	50.20	---
461	DUNBAR, TENNESSEE	B-3	TVA	535	8	11.27	4.11	5.58	5.06	6.80	5.77	2.48	4.71	4.38	3.02	4.35	2.99	3.93	2.18	5.34	4.22	3.79	3.01	3.01	2.64	5.17	4.29	3.39	5.01	59.49	47.01	6.0
453	CLIFTON JUNCTION	B-3	TVA	470	8	8.17	3.66	5.38	5.08	5.62	5.83	3.52	4.31	#4.80	2.76	5.19	3.65	4.84	2.79	3.93	4.40	3.29	3.77	2.36	2.31	5.34	4.36	2.72	4.60	#55.16	47.52	---
40	VICTORY (R)	B-4	TVA	850	12	7.59	5.95	8.20	6.27	5.37	6.00	3.42	5.34	4.73	4.13	2.22	4.11	3.53	4.76	5.33	4.95	3.55	3.36	1.73	3.61	7.18	4.86	2.38	5.03	55.23	58.37	---
31	REAGAN (R)	A-3	TVA	600	28	11.03	4.68	5.64	4.15	6.77	4.45	2.65	4.54	4.50	3.73	1.99	4.03	5.59	3.69	3.69	3.45	6.13	2.96	2.19	2.67	4.47	3.67	3.34	4.91	57.99	46.93	---
463	ENVILLE (RADIO)	A-3	TVA	537	7	10.4	4.0	6.6	5.3	7.2	5.0	1.9	3.8	3.7	2.3	2.1	2.9	3.8	2.6	#4.6	3.7	3.7	3.4	2.42	2.47	4.53	3.96	3.77	4.74	#54.72	44.17	6.5
610	JACKS CREEK	A-3	USWB	549	7	10.25	3.79	5.58	5.09	6.12	5.25	2.70	4.34	3.69	2.84	1.44	2.85	6.54	3.71	3.36	3.98	6.06	4.50	2.84	3.07	5.48	4.59	4.03	5.15	58.09	49.16	6.7
466	GILLISES MILLS (RADIO)	B-4	TVA	765	8	9.0	3.7	6.6	5.2	5.2	4.6	2.4	3.8	3.2	2.3	4.0	3.0	3.0	2.8	2.4	3.8	3.0	2.9	1.4	1.5	6.4	5.4	2.0	3.9	48.6	42.9	---
34	SAVANNAH	A-3	USWB	440	64	13.39	5.06	6.72	4.00	7.96	5.62	2.95	4.92	4.14	4.54	2.11	4.06	4.50	4.32	4.06	3.86	2.83	3.31	2.63	3.18	6.97	3.80	3.14	5.50	61.40	52.17	4.5
34a	SAVANNAH (R)	A-3	TVA	450	2	12.43		6.64		7.07		2.69		3.97		2.10		4.64		4.05		3.55		2.32		6.67		2.77		58.90		---
464	LEAPWOOD (NEAR)	A-3	TVA	540	8	10.25	4.21	7.27	5.54	6.91	5.79	2.31	4.35	3.78	2.68	3.83	3.41	3.35	2.71	5.20	3.66	3.59	4.23	2.04	2.85	4.83	4.33	2.96	4.92	56.32	48.68	8.0
35	SHILOH	A-4	USDI	483	36	13.59	5.32	7.35	4.53	6.90	5.84	3.69	4.86	4.17	4.38	2.24	3.63	4.38	4.15	3.79	3.63	3.83	2.88	2.68	3.36	6.88	3.79	2.98	5.40	62.48	51.77	---
36	SELMER	A-4	USWB	438	22	9.93	5.02	5.96	4.51	7.50	5.78	4.50	4.36	3.29	4.07	3.86	4.23	6.32	3.25	2.04	3.72	4.81	3.37	2.25	3.51	5.08	3.86	2.76	5.09	58.30	50.77	8.0
465	ACTON (NEAR) (RADIO)	A-4	TVA	510	7	11.0	4.3	9.4	5.4	6.2	4.1	2.6	4.0	3.8	2.3	1.6	2.5	2.2	2.5	2.8	3.4	3.2	2.5	1.4	1.9	7.0	4.6	#2.2	4.5	#53.4	42.0	---
37	CORINTH	A-4	USWB	470	59	13.38	4.98	8.23	4.26	6.21	5.51	3.68	4.79	5.24	4.50	3.15	3.76	6.59	4.77	3.31	4.02	3.48	3.10	2.80	3.28	7.68	3.72	2.80	5.77	66.55	52.46	8.1
	TENNESSEE RIVER - FLORENCE TO PICKWICK																															
38	PICKWICK LANDING DAM	A-4	TVA	479	12	9.54	5.66	7.78	4.87	5.06	5.21	4.17	4.18	4.64	3.47	2.06	3.80	2.84	3.61	3.78	3.53	3.44	2.97	2.19	3.49	8.30	4.46	2.36	4.61	56.16	49.86	---
364	BURNSVILLE SUBSTA.	A-4	TVA	452	9	9.58	5.02	8.40	5.86	4.82	5.96	3.72	5.01	8.11	3.97	3.00	3.57	5.20	3.20	1.90	4.37	2.52	2.73	1.97	2.00	8.71	5.13	3.22	4.98	61.15	51.80	3.0
649	EASTPORT	B-4	MISS	445	3	9.25		#8.90		4.94		4.47		#6.10		#2.05		#4.70		#4.30		#2.10		1.61		6.83		2.73		#57.98		---
401d	MIDWAY	A-4	TVA	610	8	9.99	4.67	9.27	6.64	4.84	5.95	3.11	4.35	8.35	3.55	4.58	3.79	3.93	3.25	2.30	3.83	1.95	2.66	1.83	2.17	7.02	4.25	3.40	4.98	60.57	50.09	---
41	BOONEVILLE	A-4	USWB	504	53	10.24	5.13	9.03	4.35	6.29	5.63	2.77	4.90	5.98	4.64	4.39	4.02	6.50	4.15	2.84	3.67	2.52	3.07	1.92	3.10	7.54	3.78	4.37	6.03	64.39	52.47	---
42	BISHOP	B-4	TVA	470	12	9.72	5.48	9.78	5.88	5.46	6.45	2.23	4.95	7.28	4.08	2.23	3.67	8.26	4.08	3.87	3.44	2.35	2.81	1.92	2.47	6.90	4.19	3.27	4.38	63.27	51.88	2.5
43	BELGREEN (R)	B-5	TVA	910	12	10.61	4.83	11.20	6.32	7.85	6.65	2.52	4.63	5.71	3.87	3.55	3.71	8.14	5.31	3.51	4.92	4.02	2.70	2.10	2.96	6.84	3.83	2.69	4.31	68.74	53.03	---
568a	TISHOMINGO (R)	A-4	USWB	550	6	10.04		9.64		5.42		2.54		10.95		2.96		6.47		1.36		2.35		1.82		6.66		#4.11		#64.32		---
630	BELMONT (NEAR)	A-5	TVA	585	4	#9.40		9.30		4.64		1.51		6.15		3.93		6.72		2.54		2.04		2.44		7.01		3.38		#59.06		0.1
493	RED BAY	B-5	TVA	627	7	9.69	4.50	9.70	6.64	5.74	6.93	1.25	3.67	7.36	4.48	3.09	2.27	7.82	4.25	4.61	4.80	3.05	2.74	1.57	2.32	5.78	4.43	3.58	5.38	63.24	52.41	---
480	HODGES	B-5	USWB	870	9	11.33	4.76	9.98	7.06	5.57	6.28	2.00	4.06	4.05	3.43	3.34	3.92	7.14	4.51	2.70	4.12	3.70	2.35	1.67	1.47	6.09	3.66	3.10	4.55	60.67	50.17	2.0
510	BEXAR (R)	A-5	USWB	-	6	12.76		7.95		4.82		0.71		5.08		2.07		6.45		1.62		4.16		2.11		5.04		3.83		56.60		---
44	FULTON	A-5	USWB	335	38	10.86	4.62	9.27	5.53	6.98	5.42	2.25	4.62	6.23	4.74	3.16	3.86	5.99	4.57	1.58	3.59	1.83	2.75	1.85	2.83	7.49	3.50	2.45	5.72	59.94	51.75	1.5
360	HALEYVILLE	B-5	USWB	947	11	13.10	5.86	9.40	6.37	4.99	6.32	2.04	4.31	4.52	3.68	5.07	5.14	8.31	6.61	3.52	4.61	5.67	3.22	2.27	2.36	6.50	3.80	3.46	4.92	68.85	57.20	1.0
360a	HALEYVILLE (R)	B-5	USWB	947	7	11.87	4.31	8.96	5.83	4.95	6.33	1.92	3.47	4.88	2.54	4.75	4.13	7.42	5.76	3.36	5.02	5.46	2.89	2.15	1.95	6.35	3.97	4.08	5.03	66.15	51.23	---
45a	WATERLOO	B-4	USWB	440	50	9.38	4.73	8.88	4.52	6.05	5.68	5.00	4.89	5.17	4.37	1.54	3.98	4.38	4.22	5.63	3.89	1.92	2.99	2.03	3.38	6.19	3.72	3.83	5.35	60.00	51.72	4.0
621	YOUNGS STORE (NEAR)	B-4	ALA	840	5	8.81		9.11		3.96		4.11		4.41		0.69		3.23		4.64		4.50		1.38		4.57		2.98		52.39		---
583	SMITHSONIA (NEAR)	B-4	TVA	500	5	9.34	4.27	8.45	7.02	5.00	5.97	4.53	3.60	5.05	3.34	1.20	1.99	4.05	2.74	4.98	4.56	2.30	3.40	2.08	1.75	6.24	3.89	3.63	5.07	56.85	47.60	---
462	BARTON	B-4	TVA	463	8	13.28	4.89	9.47	6.82	4.31	6.00	4.23	4.18	6.61	3.40	1.52	1.79	5.61	3.76	5.04	4.35	1.65	2.95	2.12	1.92	5.88	4.03	1.97	6.03	61.69	50.12	---
	TENNESSEE RIVER - GUNTERSVILLE TO FLORENCE																															
48	FLORENCE (AT LOCK)	B-4	USED	440	11	9.79	4.86	#9.71	4.64	5.66	5.71	3.25	4.60	4.50	4.25	2.24	4.47	5.84	4.62	4.25	3.86	3.44	2.85	1.74	3.22	5.83	3.45	2.94	5.14	#59.19	51.67	0.0
504	MUSCLE SHOALS	B-4	USWB	534	63	9.50	4.86	8.81	4.64	4.99	5.71	3.65	4.60	5.61	4.25	2.08	4.47	5.72	4.62	3.37	3.86	3.47	2.85	1.64	3.22	6.04	3.45	4.08	5.14	58.96	51.67	1.0
471a	WILSON HYDRO PLANT	B-4	TVA	530	4	10.92		10.61		5.67		3.72		3.99		2.06		6.58		4.35		4.11		2.05		6.22		2.92		63.20		---
49	TVA NURSERY	B-4	TVA	505	13	9.91	4.79	10.26	6.18	5.52	5.44	3.66	4.55	5.16	3.11	2.72	3.23	5.29	4.14	3.72	3.40	4.11	2.66	2.05	2.56	5.89	3.60	3.16	4.03	61.45	47.69	---
369	IRON CITY	B-4	TVA	600	27	#8.22	4.94	#8.16	5.47	4.74	5.50	2.36	4.69	5.60	4.37	2.85	4.00	4.80	4.59	3.28	4.46	4.17	3.56	1.91	2.26	7.75	3.60	3.63	5.64	#57.47	53.08	---
648	MCGLAMERY	B-4	TENN	950	2	7.05		7.05		5.02		3.79		4.30		1.80		3.15		3.20		3.18		2.22		6.69		2.48		49.93		---
51	LORETTO	B-4	TVA	774	39	10.11	5.36	9.55	5.45	5.56	6.55	1.71	5.08	4.82	4.20	1.56	3.65	3.80	4.56	3.39	4.32	4.66	2.78	1.71	3.18	7.55	4.16	2.97	4.75	57.39	54.04	5.0
50	ETHRIDGE	G-3	TVA	950	12	7.15	4.81	7.49	5.30	4.80	4.69	3.05	4.12	4.38	3.54	1.29	2.84	4.05	4.83	3.01	3.65	4.72	3.11	1.26	2.52	6.15	4.03	2.97	4.13	50.32	47.57	---
644	NEWBURG	B-5	TVA	660	3	9.37		10.59		5.58		2.82		4.03		2.97		6.58		6.05		5.74		2.08		6.14		2.26		64.21		---
521	CENTER STAR (NEAR)	B-4	TVA	-	6	10.82	4.58	9.26	6.66	6.39	5.59	3.88	3.24	5.03	2.49	2.36	2.37	3.84	5.22	2.19	4.10	4.84	3.94	1.74	1.57	7.34	3.54	2.68	5.02	60.37	48.32	1.5
52	WHEELER DAM	B-4	TVA	580	12	10.97	4.95	9.28	6.12	6.67	5.70	3.61	4.36	4.17	3.16	2.59	3.36	5.15	4.63	1.79	3.20	5.34	2.35	2.04	2.32	7.12	3.62	2.73	4.32	61.46	48.09	---
552	ROGERSVILLE (NEAR)	G-4	TVA	590	6	9.49		9.56		6.05		3.21		4.79		1.39		1.80		3.37		6.93		3.37		5.64		#2.58		#58.18		---
381	MOULTON (R)	C-5	TVA	630	9	10.91	4.24	10.67	6.52	4.68	5.84	3.37	3.28	5.65	2.33	5.02	3.22	5.29	4.21	3.93	3.88	6.52	2.60	1.94	1.29	5.54	2.90	2.67	3.85	66.19	44.16	---
53	CENTRAL TOWER	B-5	USFS	1500	12	12.67	4.86	10.13	5.87	4.00	6.29	2.05	4.32	5.28	3.47	5.50	3.33	4.35	4.96	5.40	4.29	6.40	2.40	2.20	2.17	5.65	3.32	3.15	4.78	66.78	50.06	---
481	ADDISON (R)	C-5	USWB	850	9	#12.05	4.62	#9.95	6.76	#3.85	5.43	1.58	3.44	6.73	2.65	4.44	4.66	4.70	5.08	5.17	4.59	10.27	3.36	#2.30	1.68	#6.50	3.46	5.64	4.44	#73.18	50.17	---
511	CARBON HILL	B-6	USED	-	8	-		-		PUBLICATION OF DATA DISCONTINUED MARCH 1, 1946																				-----		---
551	BLACK POND	B-5	USFS	950	8	-		-		PUBLICATION OF DATA DISCONTINUED MARCH 1, 1946																				-----		---
512	ARLEY	C-5	USED	-	8	10.69	4.26	6.69	5.37	PUBLICATION OF DATA DISCONTINUED MARCH 1, 1946																				-----		---
62	ATHENS	G-4	TVA	710	12	10.49	5.60	8.76	5.67	4.85	6.27	3.40	4.46	5.56	2.92	4.05	3.07	2.25	4.37	5.25	3.86	7.25	3.00	3.06	2.81	5.79	3.75	3.20	4.88	63.91	50.66	1.2
63	DECATUR	G-5	USWB	573	68	8.98	4.63	10.03	4.43	4.26	5.62	6.68	4.48	6.19	3.83	3.31	3.79	4.20	4.35	2.90	3.91	8.49	2.37	2.57	3.07	5.10	3.20	3.35	5.04	66.06	48.72	0.5
63a	DECATUR NO. 3	C-4	TVA	580	6	9.86		#8.76		4.17		5.61		5.16		2.63		5.53		3.23		8.34		2.47		4.94		2.16		#62.86		---
411	DECATUR NO. 2 SUBSTA.	C-5	TVA	588	8	9.21	3.98	9.60	5.64	3.85	5.62	4.43	3.63	5.17	2.16	3.85	2.91	4.95	4.14	3.16	3.76	9.27	3.66	2.54	1.75	5.46	3.10	2.38	4.35	63.87	44.70	---
503	DANVILLE	C-5	TVA	595	6	10.80	4.06	10.48	5.80	3.80	5.83	2.60	3.50	4.56	2.33	4.58	2.17	4.98	3.96	3.11	4.14	9.34	4.13	2.44	1.83	7.18	3.22	3.75	4.93	67.62	45.90	0.0
384	FALKVILLE	C-5	TVA	620	9	11.64	4.34	8.44	7.30	3.91	5.84	2.58	3.63	6.43	2.98	4.18	3.23	13.15	5.69	3.26	4.12	8.36	3.13	2.01	1.74	6.99	3.63	3.68	4.31	74.63	49.94	---

(#) Interpolated or partly interpolated.   (R) Recorder at present.

TENNESSEE VALLEY AUTHORITY

MONTHLY AND ANNUAL PRECIPITATION—1946—Continued

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	TENNESSEE RIVER - GUNTERSVILLE TO FLORENCE (CONT'D)																															
513	GARDEN CITY (R)	C-5	USWB	-	9	9.00	3.58	8.83	5.54	5.07	6.54	1.89	3.94	6.46	2.86	3.36	2.71	6.56	5.67	2.09	5.00	6.66	3.63	2.53	2.24	6.98	3.52	6.00	6.16	65.43	51.39	---
514a	TRAFFORD (R)	C-6	USED	-	6	9.17	3.76	9.24	6.18	PUBLICATION OF DATA DISCONTINUED MARCH 1, 1946																				-----		---
474	ALABAMA STATE FARM	C-4	API	600	17	9.42	4.22	9.00	5.23	4.28	5.65	4.74	3.68	5.97	3.24	4.52	2.84	2.78	4.53	3.26	3.91	10.17	3.25	3.13	2.69	5.45	3.30	4.38	5.07	67.10	47.61	---
64	MADISON	C-4	USWB	573	53	9.77	4.63	9.53	4.58	4.45	5.73	4.55	4.83	6.98	3.99	5.08	4.26	4.78	4.62	1.76	3.79	7.75	3.01	2.39	3.39	6.04	3.52	4.63	5.36	67.71	51.71	T
65	HUNTSVILLE SUBSTA.	C-4	TVA	615	23	8.84	5.13	7.62	4.99	4.19	5.59	5.69	5.18	5.90	3.73	5.88	4.62	3.32	4.50	1.42	4.38	6.09	2.78	2.26	2.73	5.96	3.32	3.54	4.63	60.71	51.58	---
65a	HUNTSVILLE	C-4	USWB	620	6	9.65	5.23	8.43	5.14	4.37	5.66	5.22	5.16	7.12	3.71	4.71	4.88	3.49	4.43	2.06	4.60	6.24	2.77	1.88	2.60	5.8[illegible]	3.19	4.50	4.83	63.47	52.20	0.3
66	CENTER GROVE	C-5	TVA	700	12	8.58	5.27	9.60	6.35	4.70	6.29	4.74	5.30	6.67	3.03	5.77	3.93	12.48	5.13	2.55	4.73	9.11	3.26	2.22	2.70	8.67	3.84	5.87	4.69	80.96	54.52	1.0
67	ST. BERNARD	C-5	USWB	802	40	11.87	5.51	8.93	4.92	5.28	5.97	3.52	4.84	7.17	4.49	4.71	4.27	6.92	5.32	2.98	4.66	8.14	2.79	1.88	3.74	7.47	3.72	3.91	5.53	72.78	55.76	T
576	FARLEY	C-5	TVA	670	6	10.13	4.21	#9.73	7.26	4.60	6.54	4.53	4.05	4.17	3.63	5.14	2.99	6.12	2.50	1.62	2.93	6.65	4.20	2.32	1.98	#5.90	3.22	3.14	4.98	#64.05	48.49	---
530	MONTE SANO NO. 6	D-4	TVA	1650	6	12.42	5.03	9.01	6.20	5.74	6.11	5.64	4.14	6.94	3.23	7.04	4.55	4.31	3.69	2.11	3.86	8.64	4.85	2.33	2.25	6.90	4.25	4.92	6.01	76.00	54.17	3.0
506	TONEY (R)	C-4	TVA	750	6	9.63	4.03	7.62	5.84	4.87	4.70	3.09	3.52	5.00	2.28	3.10	1.67	1.36	3.50	3.57	2.86	6.64	3.61	2.80	1.72	4.59	2.87	2.78	4.76	55.05	41.36	---
624	NEW MARKET	D-4	TVA	725	4	9.79		7.37		4.63		4.76		7.67		6.84		3.41		5.35		6.39		3.11		6.45		3.79		69.56		---
585	ELORA	D-4	TVA	927	5	7.76	4.08	7.79	7.23	5.17	5.65	3.98	4.56	6.30	3.33	7.63	4.96	1.13	1.92	5.41	4.17	5.59	4.92	3.30	2.29	6.59	4.08	3.77	6.03	64.42	53.22	---
69	PAINT ROCK (R)	D-4	TVA	610	12	9.29	5.41	8.24	6.50	5.68	5.92	4.21	5.09	5.00	2.91	4.99	4.02	5.99	4.27	2.16	4.21	8.04	3.27	1.94	2.03	6.74	3.35	4.41	4.87	66.69	51.85	---
385	SWAIM	D-4	TVA	665	9	9.70	4.58	8.22	7.75	5.16	5.83	5.11	4.05	7.43	3.67	4.84	3.94	5.08	4.37	4.45	4.42	6.54	3.59	2.26	1.89	6.32	3.80	4.67	5.23	69.78	53.12	T
78	HYTOP	D-4	TVA	1500	12	14.41	6.07	9.78	6.99	6.23	6.21	5.39	5.30	10.45	4.13	5.19	4.12	7.95	5.10	2.74	3.96	6.10	3.54	2.49	2.81	6.82	4.28	2.73	5.52	80.28	58.03	---
674	HYTOP (RADIO)	D-4	TVA	1700	-	STATION ESTABLISHED OCTOBER 23, 1946																		----		6.4		4.2		-----		---
	ELK RIVER																															
54	BETHEL	C-4	TVA	650	12	10.11	5.38	8.62	6.19	6.50	5.98	2.66	4.58	6.29	3.90	1.25	3.01	3.12	5.60	2.59	3.83	10.76	4.07	2.31	3.10	7.40	4.31	3.19	4.18	64.80	54.13	0.6
382	PULASKI	C-4	TVA	690	9	9.76	4.53	7.93	7.30	5.97	5.53	2.57	3.61	5.58	3.73	2.27	3.03	3.76	4.03	3.71	4.38	7.89	3.63	3.48	1.65	6.33	4.23	3.28	4.42	62.53	50.07	2.0
56	LYNNVILLE (NEAR)	C-3	USWB	800	61	8.86	4.87	8.14	4.60	6.16	5.69	2.89	4.83	4.64	4.26	3.71	4.68	4.25	4.86	3.00	4.45	5.07	3.07	1.72	3.50	7.63	3.39	2.90	5.23	58.97	53.43	3.5
57	COLDWATER	C-4	USWB	645	51	9.12	4.97	8.24	4.64	5.12	5.93	3.46	4.98	8.35	4.35	4.77	4.26	5.85	4.19	3.75	4.24	5.68	2.96	3.78	3.46	4.66	3.70	4.19	5.65	66.97	53.33	4.8
581	BOONSHILL	C-4	TVA	680	6	10.36	4.76	8.88	7.68	5.71	5.90	2.67	3.92	6.36	4.35	3.27	3.22	3.26	3.77	3.42	4.92	5.86	5.25	3.15	1.93	6.11	4.18	3.41	5.38	62.46	55.26	0.5
58	FAYETTEVILLE	D-4	USWB	720	32	10.27	4.43	8.27	5.30	5.58	5.43	3.46	4.24	8.27	4.04	4.31	3.60	2.25	4.79	2.90	3.74	5.26	2.89	3.28	3.03	5.19	3.89	4.81	4.62	63.85	50.00	---
605	BELLEVILLE	D-4	TVA	747	5	10.89		9.14		4.15		3.00		6.55		6.23		2.76		3.52		5.70		3.90		5.40		3.61		64.85		---
383	PETERSBURG	C-3	TVA	785	9	10.76	4.70	9.01	7.66	4.47	5.48	2.37	3.89	6.84	3.75	2.40	3.83	4.33	5.06	1.70	3.62	4.07	3.63	3.10	1.86	7.07	4.14	3.70	4.70	59.82	52.32	T
582	LYNCHBURG	D-3	TVA	780	6	9.69	4.54	8.36	7.44	3.82	5.87	2.67	3.81	6.26	4.21	4.23	3.04	2.27	3.67	3.36	4.08	5.23	5.46	2.83	2.16	5.65	4.08	4.06	5.88	58.43	54.24	---
60	BELVIDERE	D-4	TVA	970	12	8.52	4.61	6.66	5.18	4.09	4.87	4.18	3.84	5.78	3.21	6.94	3.73	3.13	5.21	6.43	4.67	5.68	3.14	3.12	2.39	4.89	3.21	2.56	4.17	61.98	48.23	---
61	TULLAHOMA	D-3	USWB	1075	60	9.71	4.89	8.37	4.63	4.74	5.80	3.83	5.11	6.54	4.29	5.55	4.26	3.41	4.80	3.52	4.44	4.34	3.26	2.99	3.59	5.52	3.59	4.55	5.80	63.07	54.46	0.5
450	ESTILL SPRINGS DAM	D-4	TVA	920	8	10.76	4.04	7.21	5.73	3.91	5.20	5.21	3.98	8.26	4.36	4.92	4.12	4.54	5.72	3.94	4.70	5.04	3.85	3.39	2.69	5.65	3.44	3.52	4.87	66.35	52.70	---
	TENNESSEE RIVER - CHICKAMAUGA TO GUNTERSVILLE																															
70	GUNTERSVILLE DAM	D-5	TVA	611	11	10.77	5.03	8.93	5.85	6.02	6.06	4.46	4.97	5.66	2.71	5.04	3.52	7.02	4.75	2.60	4.13	7.48	2.73	2.29	2.05	6.75	2.94	4.38	4.71	71.40	49.45	---
71	GUNTERSVILLE	D-5	USWB	640	46	11.35	4.61	9.07	5.00	6.78	5.68	6.05	4.96	7.13	4.42	2.89	3.92	10.72	4.93	1.68	4.13	6.93	3.15	2.60	3.07	5.85	3.28	3.64	5.19	74.69	52.34	0.5
403	GUNTERSVILLE (R)	D-5	TVA	660	8	11.02	4.41	9.27	6.04	7.22	6.29	5.88	4.38	6.76	2.87	2.78	3.02	10.62	3.89	1.87	4.45	7.50	3.34	2.42	1.77	5.98	2.77	4.07	5.08	75.39	48.31	---
72	ALBERTVILLE	D-5	USWB	1114	21	11.32	5.15	9.29	4.88	8.39	6.29	6.00	4.66	7.74	4.21	2.21	4.24	8.34	5.01	3.69	4.41	7.55	3.17	2.58	3.27	6.95	3.72	4.52	5.36	78.58	54.37	1.1
482	BOAZ (R)	D-5	USWB	1010	9	10.09	4.15	9.03	6.45	7.23	6.42	4.53	4.87	6.92	3.31	3.30	3.81	6.10	4.14	2.90	4.63	7.06	3.35	2.47	1.88	6.19	3.23	4.63	5.12	70.45	51.36	---
524	SAND MTN. STATE FARM	D-5	API	1195	17	11.60	4.51	9.63	6.56	7.00	7.00	5.56	4.90	7.73	3.37	5.17	3.92	7.05	3.76	2.94	4.69	6.02	3.60	2.97	2.51	6.79	3.25	4.84	6.63	77.30	54.70	1.0
483	COLLINSVILLE	D-5	USWB	855	9	11.78	4.61	10.53	7.50	8.24	6.84	5.69	5.06	9.22	3.80	4.00	3.49	4.69	4.76	2.42	4.01	6.89	3.32	3.58	2.09	4.65	3.25	5.32	5.22	77.01	53.95	T
515	LEESBURG	E-5	USWB	636	54	10.89	5.16	11.42	5.33	6.53	6.17	6.25	4.65	7.83	3.81	5.03	4.02	5.18	5.35	1.16	4.06	6.75	2.97	1.83	3.23	3.43	3.41	4.44	5.78	70.74	53.94	0.8
75	SOUTH HILL	D-5	TVA	980	12	12.57	5.83	9.65	6.41	6.55	6.18	5.77	5.24	8.86	3.78	3.84	3.72	8.98	4.69	3.52	4.26	8.21	3.02	3.17	2.52	7.48	3.20	4.79	5.23	83.39	54.18	1.5
79	FT. PAYNE (R)	E-5	USWB	879	6	10.05		7.94		6.71		4.49		7.41		3.48		4.93		1.60		5.74		2.15		4.76		5.56		64.82		---
79a	FT. PAYNE	E-5	USWB	879	12	12.22	5.75	8.79	6.35	6.95	6.55	4.90	5.14	7.13	3.26	5.64	4.07	5.51	4.69	1.63	3.86	6.14	2.67	2.31	2.34	6.01	2.89	5.01	4.93	72.24	52.50	T
80	VALLEY HEAD	E-5	USWB	1031	62	11.65	4.85	8.62	4.84	6.77	5.65	4.10	5.08	7.83	4.26	4.52	4.29	5.08	5.01	1.38	4.56	5.58	2.55	3.03	3.45	5.82	3.16	4.19	5.17	68.57	52.87	0.3
386	SYLVANIA	D-5	TVA	1400	9	12.68	4.89	9.20	7.36	7.02	6.16	4.19	4.13	7.37	3.25	4.88	4.60	8.28	4.04	2.02	3.63	6.75	3.35	3.04	1.81	6.68	3.21	4.25	5.34	76.36	51.77	2.5
553	COMER BRIDGE	D-4	TVA	620	8	9.17		#6.98		4.67		3.64		#5.04		6.08		8.95		3.60		5.60		1.47		6.05		3.70		#64.95		---
76	SCOTTSBORO	D-4	USWB	652	65	11.60	4.82	8.51	4.84	5.54	5.81	3.77	4.81	6.80	3.98	6.76	4.42	10.87	4.97	2.96	4.14	5.31	2.84	2.21	3.27	6.50	3.28	4.77	5.47	75.60	52.65	2.0
387	FLAT ROCK (R)	E-4	TVA	1380	9	10.12	4.18	7.38	6.60	6.28	5.61	4.15	3.98	8.65	3.81	3.11	3.13	2.23	3.78	2.88	3.71	4.73	2.55	2.04	1.69	5.68	3.16	3.51	4.75	60.76	46.95	---
83	BRIDGEPORT	E-4	USWB	627	51	10.23	4.81	7.32	4.84	4.92	5.96	4.12	4.68	6.10	4.18	3.29	4.17	11.18	4.89	3.14	4.06	5.96	2.65	1.98	3.25	6.10	3.32	4.43	5.37	68.77	52.18	---
531	FRANKLIN STATE FOREST	D-4	TENN	1950	7	10.97	4.83	6.74	5.79	5.99	6.26	5.28	4.12	7.28	3.37	6.36	3.81	5.56	4.45	4.15	4.40	6.42	3.97	4.28	2.32	5.90	4.42	4.39	5.56	73.32	53.30	---
84	SEWANEE	D-4	TVA	1925	54	9.47	4.93	7.42	4.94	5.53	5.98	5.09	4.87	5.66	4.29	6.51	4.75	8.08	5.33	3.63	4.74	5.81	3.13	3.41	3.23	5.87	3.94	4.16	5.06	70.71	55.19	3.7
472	MONTEAGLE	D-4	USWB	1956	7	12.13	4.97	7.85	4.36	5.91	5.63	5.55	4.93	6.81	4.60	3.35	5.17	5.99	5.25	3.83	5.09	5.97	3.26	3.26	3.49	6.80	3.87	5.34	5.21	72.79	55.83	6.0
451	JASPER SUBSTA.	E-4	TVA	650	8	10.00	4.36	7.37	6.24	5.17	6.13	4.53	4.30	7.59	3.33	3.61	3.07	3.76	5.15	3.25	3.65	4.77	3.02	2.35	2.33	6.97	3.60	4.85	5.64	64.22	50.82	---
85	LOCKHART TOWER	E-4	TVA	2400	12	10.88	5.91	7.19	6.86	5.31	6.06	4.33	5.13	6.93	4.44	6.74	5.02	6.23	6.65	6.02	5.32	6.95	2.52	2.83	2.90	5.41	3.98	4.31	5.50	73.13	00.29	---
86	DUNLAP	E-3	TVA	720	27	10.35	5.35	6.09	5.00	4.96	5.09	3.82	4.82	7.25	3.39	4.36	4.25	5.69	5.59	5.14	4.38	6.27	3.19	2.56	2.90	4.95	3.27	4.05	5.11	65.49	52.34	T
438	CAGLE (R)	E-3	TVA	2030	8	9.22	4.01	6.00	5.47	4.88	5.00	3.64	4.09	5.71	3.19	6.68	3.40	2.54	4.71	3.98	4.63	5.27	3.06	2.56	2.55	4.51	2.75	4.09	5.00	59.08	47.86	---
389	COLLEGE JUNCTION	E-3	TVA	800	9	9.17	4.02	5.68	6.18	4.39	4.94	4.42	4.20	7.17	3.45	3.60	3.79	3.76	4.88	2.99	3.76	5.74	2.84	2.48	2.20	4.52	3.04	4.11	4.81	58.03	48.11	---
390	LITTON	E-3	TVA	980	9	8.63	3.99	6.32	6.62	3.58	5.02	4.72	4.30	6.54	3.79	2.79	3.76	7.80	6.21	3.52	4.43	4.77	3.46	2.39	1.79	4.22	3.28	3.89	5.15	59.17	51.80	1.5
452	HALES BAR DAM	E-4	TVA	690	8	9.27	3.78	6.37	5.65	4.67	5.08	3.95	3.98	6.40	3.21	3.64	3.37	3.08	4.07	2.51	2.82	4.40	2.77	1.79	2.02	6.36	2.99	4.55	4.86	56.99	44.60	---
669	RISING FAWN	E-4	TVA	-	-	STATION ESTABLISHED AUGUST 1, 1946														2.44		5.62		2.88		7.34		3.74		-----		---
391	LOOKOUT MOUNTAIN	E-4	TVA	2100	21	11.63	5.05	6.38	5.86	7.26	5.51	3.71	4.00	7.28	3.98	6.18	3.97	2.31	5.38	2.50	4.27	6.84	3.25	2.99	2.97	6.27	3.43	4.87	5.22	68.22	52.89	0.3
667	LOOKOUT MOUNTAIN NO. 2	E-4	USWB	2145	1	-		-		-		2.92		7.81		-		-		STATION DISCONTINUED										-----		---
628	FLINTSTONE	E-4	PRIVATE	-	4	9.79		3.62		6.04		3.06		7.54		4.68		4.25		1.72		5.95		3.17		6.25		3.64		59.71		---
89	CHATTANOOGA	E-4	USWB	750	68	12.30	5.26	6.47	4.88	6.48	5.78	3.23	4.85	7.46	3.79	4.89	4.16	3.12	4.25	1.60	4.03	6.89	3.11	2.96	3.01	6.00	3.36	4.82	5.13	66.22	51.61	---
488	CHATTANOOGA AIRPORT (R)	E-4	USWB	689	9	10.23	5.26	6.51	4.88	5.80	5.78	3.19	4.85	6.65	3.79	5.16	4.16	5.18	4.25	1.47	4.03	6.44	3.11	3.52	3.01	4.91	3.36	5.00	5.13	64.06	51.61	0.8

(#) Interpolated or partly interpolated. (R) Recorder at present.

TENNESSEE VALLEY AUTHORITY

MONTHLY AND ANNUAL PRECIPITATION—1946—Continued

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	TENNESSEE RIVER - CHICKAMAUGA TO GUNTERSVILLE (CONT'D)																															
566	CHICKAMAUGA PARK	E-4	USDI	789	6	10.46	4.49	6.82	6.90	5.94	5.79	3.37	4.40	7.00	3.62	4.13	3.38	4.55	8.46	1.01	3.53	6.29	4.37	3.48	2.65	5.66	3.27	3.85	6.12	62.56	56.98	---
82	LAFAYETTE	E-4	USWB	805	15	11.35	5.06	8.34	5.75	6.75	5.22	4.49	5.55	10.24	3.57	5.67	4.84	2.50	5.38	2.30	4.62	8.19	3.36	2.87	2.48	7.16	2.88	4.71	4.79	74.57	53.50	2.0
82a	LAFAYETTE (R)	E-4	USWB	805	7	12.30	4.61	8.22	5.74	6.96	6.25	4.54	3.65	10.26	3.21	5.24	3.81	1.96	5.40	2.45	4.78	8.36	3.79	2.66	2.24	6.95	2.91	#4.49	6.06	#74.39	52.45	---
392	TUNNEL HILL	E-4	TVA	900	9	9.60	4.32	8.98	6.86	5.49	5.76	4.59	3.87	9.64	4.11	4.84	4.66	1.57	3.73	1.30	4.50	5.01	2.77	2.38	2.01	5.25	2.97	4.00	5.07	62.65	50.63	0.5
396	DALTON	F-4	USWB	800	10	10.39	5.94	8.29	5.94	6.29	5.71	5.01	5.18	9.83	4.28	4.14	4.40	1.79	5.55	1.52	5.24	3.41	2.96	3.26	2.45	6.84	3.11	#4.06	5.12	#64.83	55.88	0.3
	CANEY FORK RIVER ABOVE ROCK ISLAND																															
88	ROCK ISLAND POWERHOUSE	E-3	TVA	813	43	7.34	4.64	6.88	4.57	3.30	5.83	3.85	4.29	4.73	4.18	4.86	4.38	2.59	5.28	3.37	4.32	5.21	3.72	2.01	3.07	4.92	3.38	3.15	4.82	52.21	52.48	3.5
88a	ROCK ISLAND (R)	E-3	USWB	813	7	6.77	3.45	6.65	5.37	3.10	4.67	3.42	3.76	4.35	3.00	4.50	2.99	2.42	5.13	3.18	3.71	5.06	4.12	1.91	2.28	4.75	3.51	3.91	4.89	50.02	46.88	---
665	SMITHVILLE	D-2	USWB	1073	3	7.45	5.38	5.99	4.57	4.33	5.99	3.85	4.56	5.89	3.94	2.87	4.57	2.32	4.93	3.57	4.63	3.72	2.91	2.51	3.11	4.85	3.81	3.92	4.41	51.27	52.81	1.0
439	DIBRELL	E-3	TVA	950	8	7.56	3.59	6.18	5.69	3.31	5.24	3.78	3.79	5.99	4.12	4.60	2.77	3.28	4.80	3.25	4.17	6.52	4.69	2.16	2.13	5.34	3.75	3.26	4.42	55.23	49.16	---
440	IRVING COLLEGE	E-3	TVA	1050	8	6.00	2.88	#6.17	5.48	2.72	4.64	3.43	3.65	4.77	3.10	9.86	3.73	2.75	4.52	1.21	3.70	5.33	3.29	3.00	2.09	4.71	2.80	3.39	4.04	#53.34	43.92	---
441	ALTAMONT	E-3	TVA	1920	8	7.75	3.85	6.68	6.66	3.21	5.72	4.16	4.67	6.59	3.81	6.29	3.97	1.12	4.27	1.08	4.41	5.66	3.84	2.92	2.51	4.34	3.41	4.61	5.69	54.41	52.81	---
87	MCMINNVILLE	E-3	USWB	1015	66	7.76	4.80	7.28	3.94	3.11	5.48	3.07	4.42	5.89	4.02	9.39	4.41	3.54	5.17	2.38	4.16	5.50	3.36	2.26	3.39	4.86	3.30	4.19	4.96	59.23	51.41	2.0
87b	MCMINNVILLE	E-3	TVA	900	6	7.26	4.05	7.11	7.15	3.60	5.23	3.77	3.80	5.79	4.46	7.30	3.66	3.95	5.74	2.73	3.87	7.13	4.91	2.44	2.08	4.69	3.65	3.04	5.46	58.81	54.06	---
442	TROUSDALE	D-3	TVA	980	8	6.79	3.13	#7.70	6.06	3.16	5.03	3.26	3.75	5.12	3.43	4.07	2.79	3.82	4.15	3.84	4.68	6.03	4.05	2.41	2.23	5.58	3.47	3.08	4.48	#54.86	47.25	T
443	SUMMITVILLE	D-3	TVA	1120	8	8.07	3.74	7.40	6.52	3.34	5.73	3.16	4.03	5.85	3.72	3.99	2.82	3.52	4.53	2.53	4.26	#3.40	3.69	2.62	2.17	5.32	3.28	2.84	4.59	#52.04	49.08	---
437	ROCKY RIVER	E-3	TVA	900	8	7.48	3.54	6.48	6.15	3.49	5.38	3.46	4.09	5.70	3.75	6.10	4.59	1.59	5.32	2.99	4.90	7.10	4.07	3.33	2.34	3.65	3.00	3.46	4.47	54.83	51.60	---
432	SPARTA SUBSTA.	E-3	TVA	920	32	7.81	4.54	5.74	4.18	3.72	5.60	3.70	4.34	6.94	4.05	3.90	4.93	1.66	5.47	4.13	4.83	4.72	3.47	2.06	2.87	5.09	3.35	3.85	4.65	53.32	52.28	---
432a	SPARTA (NEAR)	E-3	USWB	950	7	8.04	4.27	6.68	6.22	3.79	4.65	4.16	3.87	6.60	3.81	4.66	3.11	3.48	4.30	4.15	4.87	5.38	4.31	2.33	2.22	4.84	4.06	3.35	4.55	57.46	50.24	---
433	TAYLORS	E-2	TVA	950	8	7.56	3.52	6.16	5.60	3.66	5.48	2.67	3.87	4.59	3.93	2.77	3.85	4.35	4.81	3.23	4.17	4.61	4.57	2.27	2.17	4.78	3.64	3.57	5.05	50.22	50.66	---
445	COOKEVILLE	E-2	USWB	1117	32	#9.10	5.52	#5.50	3.94	4.39	5.32	2.50	4.77	4.24	4.30	4.76	4.54	2.24	4.50	4.17	4.62	4.82	3.20	2.48	3.35	4.61	3.79	3.68	5.11	#52.49	52.96	---
165	MONTEREY	E-2	USWB	1890	14	9.02	5.27	6.96	5.42	4.81	5.94	3.58	4.57	4.32	4.53	3.64	4.88	3.86	5.36	4.38	5.79	4.38	4.00	2.71	2.80	4.83	3.99	4.25	5.10	56.74	57.65	---
434	EASTLAND	E-3	TVA	1750	31	7.72	5.31	6.53	5.01	3.33	6.41	4.28	5.27	4.13	4.20	4.85	5.25	2.00	5.79	4.31	4.89	5.39	3.94	2.65	3.42	4.21	3.26	4.26	5.46	53.66	58.21	---
670	DE ROSSETT	E-2	TVA	1250	-	ESTABLISHED AUGUST 16, 1946														-		6.60		3.27		5.36		3.53		-----		---
435	HERBERT	E-3	TVA	1660	8	8.60	3.60	#5.50	5.83	2.75	4.95	5.20	4.52	4.60	3.32	3.05	2.99	4.55	5.29	4.05	4.41	3.85	3.36	2.65	2.30	2.60	2.60	3.00	4.75	#50.40	47.92	---
436	FALLS CREEK PARK	E-3	TVA	1500	8	7.27	3.38	6.57	5.99	3.83	4.81	5.92	4.30	5.00	3.69	2.33	3.58	3.76	6.21	3.54	4.50	4.94	3.73	3.11	2.49	3.98	2.97	3.21	5.28	53.46	50.93	0.4
532	BLEDSOE STATE FOREST	E-3	TENN	1700	6	6.55	3.25	5.88	5.42	3.00	4.33	3.50	4.06	5.31	3.59	2,60	3,06	3.55	6.12	3.35	4.20	4.90	4.29	3.95	2.48	3.30	2.94	4.15	6.01	50.04	49.75	---
	TENNESSEE RIVER - WATTS BAR TO CHICKAMAUGA																															
90	CHICKAMAUGA DAM	E-4	TVA	700	11	11.35	5.48	6.19	5.73	6.44	5.40	3.29	4.93	8.48	4.01	4.67	3.99	4.57	5.29	1.35	3.56	5.31	2.69	3.30	2.66	5.12	2.97	4.94	5.59	65.01	52.30	---
430	OOLTEWAH	E-4	TVA	800	8	10.00	4.03	6.11	5.31	5.04	5.30	3.46	3.72	7.52	3.34	4.04	3.42	6.12	5.30	0.87	4.31	5.50	3.03	2.74	2.41	4.87	2.42	4.82	5.55	61.09	48.14	---
393	LEWIS CHAPEL	E-3	TVA	1850	9	12.36	4.87	6.86	6.86	6.40	6.17	3.56	4.90	6.91	3.66	4.44	4.43	4.32	4.97	4.59	4.49	6.91	2.90	2.12	2.00	5.39	3.68	5.12	5.60	68.98	54.53	---
420	MORGANTOWN	E-3	TVA	740	8	11.04	4.35	6.21	5.49	4.76	5.78	3.82	5.01	8.60	3.80	3.95	4.21	5.52	6.03	3.05	4.18	6.01	3.29	2.03	2.32	4.84	3.30	3.72	5.55	63.55	53.31	---
92	MORGAN SPRINGS	E-3	TVA	1900	12	12.57	6.46	7.25	6.06	5.55	5.77	4.20	5.34	8.34	4.33	5.07	4.35	4.23	5.95	2.73	5.65	6.96	2.85	2.43	3.50	4.84	3.99	4.05	5.12	68.22	59.37	---
646	OGDEN	E-3	TVA	1800	3	11.38		6.82		5.92		5.69		10.77		5.73		3.42		3.84		5.74		3.02		4.97		3.95		71.25		---
155	DECATUR	F-3	USWB	850	52	12.73	4.76	5.03	4.85	4.61	5.87	4.73	4.84	6.95	4.20	STATION MOVED TO BREEDENTON AUGUST 21, 1946												-		-----		---
156	BREEDENTON	F-3	USWB	700	12	12.08	4.76	5.19	4.85	4.11	5.87	3.67	4.84	6.91	4.20	4.11	4.67	3.06	5.01	4.37	4.36	6.60	3.20	3.19	3.31	4.76	3.72	4.13	6.05	62.18	54.84	1.1
427	RIDDLES STORE	F-3	TVA	980	8	12.25	4.30	4.66	5.35	3.88	5.09	3.69	4.40	5.28	3.50	3.56	3.31	4.17	5.73	1.91	4.49	4.24	3.12	4.05	3.32	4.34	2.92	3.84	4.83	55.87	50.36	1.3
494	PORTER LAKE	F-3	TVA	725	7	11.26	4.51	5.36	5.18	4.30	5.38	3.77	4.67	7.76	3.64	3.33	3.65	4.15	5.38	2.78	2.96	5.77	3.48	2.15	2.83	4.51	3.60	5.05	5.40	60.19	50.68	1.0
	TENNESSEE RIVER - KNOXVILLE TO WATTS BAR																															
421a	WATTS BAR DAM	F-3	TVA	800	8	11.67	4.20	5.66	5.38	4.07	5.14	3.63	4.53	7.48	3.63	2.75	3.59	3.90	5.60	2.51	3.05	6.14	3.21	2.99	2.54	4.73	3.21	4.20	5.01	59.73	49.09	---
157	RODDY (R)	F-3	TVA	800	12	9.59	5.10	5.83	5.63	4.19	5.21	3.62	4.53	6.05	3.82	2.48	3.32	4.18	5.95	2.38	3.45	7.24	3.24	2.50	2.74	4.46	3.34	3.30	5.17	55.82	51.50	---
479a	ROCKWOOD	F-3	PRIVATE	910	26	9.15	4.81	6.73	5.52	3.68	5.29	3.37	4.48	6.97	4.06	3.49	4.08	2.81	5.17	2.13	3.87	4.14	3.69	2.72	2.27	4.48	4.15	3.38	5.26	53.05	52.65	3.5
170	LOUDON	F-3	USWB	840	56	10.49	4.38	4.75	4.36	3.35	5.03	3.55	4.62	5.72	3.77	#3.50	4.58	5.46	4.33	1.55	4.44	4.36	3.38	3.55	3.13	3.98	3.44	4.58	5.62	#54.84	51.08	T
490	FORT LOUDOUN DAM (R)	F-3	TVA	800	7	10.64	4.11	4.92	5.51	3.79	4.57	4.37	3.73	5.69	3.70	3.99	2.78	6.63	6.56	1.28	2.70	3.63	3.75	3.61	2.86	4.11	2.74	4.42	4.85	57.08	47.86	---
637	U. S. COTTON FIELD STA.	G-3	USDA	885	12	9.13	4.99	5.43	5.07	3.38	5.01	4.83	4.14	6.33	3.66	3.90	3.34	4.34	5.81	2.33	3.75	3.03	2.68	3.87	2.59	3.50	2.94	4.29	4.15	54.36	48.13	---
409	KNOXVILLE AIRPORT (R)	G-3	USWB	995	9	8.84	4.66	5.01	4.51	3.65	5.05	4.10	4.14	6.40	3.75	3.94	4.10	3.10	4.36	0.97	3.92	2.04	2.68	4.03	2.62	3.45	3.07	4.41	4.52	49.94	47.38	T
205	ALCOA	G-3	ALCOA	900	34	9.27	4.87	5.03	4.92	4.29	5.61	4.29	4.34	6.15	3.72	3.94	4.29	2.59	5.22	1.46	3.93	2.57	3.03	4.33	2.78	3.38	3.25	4.26	4.61	51.56	50.57	---
394	PROVIDENCE	G-3	TVA	1100	9	6.97	3.40	5.20	5.04	3.43	4.80	4.72	3.40	6.12	3.38	3.83	3.68	3.94	5.28	2.64	3.84	2.18	2.94	3.79	2.22	2.77	2.55	3.92	4.15	49.51	44.68	---
497	WALLAND	G-3	TVA	930	7	7.92	3.75	4.87	5.17	3.69	5.21	4.15	3.43	6.14	4.17	4.80	3.37	3.17	6.18	1.39	4.71	2.86	3.40	4.16	3.05	3.53	2.81	4.12	4.74	50.80	49.99	---
473	UNIV. TENN. FARM (R)	G-3	U.T.	800	9	9.39	3.55	5.34	5.95	3.41	4.64	4.13	4.15	5.92	3.94	3.68	4.02	6.41	6.46	3.80	4.08	2.88	2.96	3.88	2.21	3.67	2.89	4.54	4.23	57.05	49.08	---
473a	U.T. FARM LYSIMETER PLOT	G-3	U.T.	850	27	9.46	4.19	5.49	5.04	3.47	5.08	4.08	4.35	5.87	4.06	3.64	4.28	6.38	5.36	4.55	4.47	2.79	2.91	3.84	2.70	3.56	3.27	4.51	4.82	57.64	50.53	---
647	LONSDALE SUBSTA.	G-2	TVA	877	3	9.33		5.50		3.89		4.34		6.02		3.48		6.00		3.23		2.46		4.02		3.40		4.51		56.18		0.3
207	KNOXVILLE	G-2	USWB	1035	76	10.06	4.66	5.46	4.51	3.38	5.05	4.83	4.14	5.48	3.75	3.44	4.10	6.38	4.36	3.36	3.92	2.60	2.68	3.79	2.62	3.67	3.07	4.48	4.52	56.93	47.38	---
651	U. T. GEOLOGY BLDG. (R)	G-2	U.T.	974	76	8.57	4.66	5.12	4.51	3.13	5.05	4.47	4.14	5.25	3.75	3.47	4.10	6.03	4.36	2.23	3.92	2.62	2.68	3.65	2.62	3.42	3.07	4.19	4.52	52.15	47.38	T
658	KNOXVILLE EP & WB	G-2	TVA	915	2	8.65		#5.46		3.29		4.10		5.79		3.81		3.97		3.58		2.20		4.04		3.37		4.03		#52.29		---
653	WHITTLE SPRINGS	G-2	TVA	1000	2	8.51		5.70		3.46		4.36		5.90		3.62		2.92		5.11		2.45		3.97		3.32		5.34		54.66		---
655	RITTA	G-2	TVA	1030	2	8.25		5.96		3.48		4.29		5.59		3.88		3.02		4.45		2.48		3.83		3.08		4.32		52.63		0.5
657	FOUNTAIN CITY	G-2	TVA	970	2	7.94		6.37		4.05		3.69		6.51		3.52		1.67		4.87		3.13		3.89		2.66		4.43		52.73		---
	CLINCH RIVER BELOW NORRIS DAM																															
158	KINGSTON	F-3	USWB	760	63	9.24	4.55	5.95	4.41	4.10	5.41	3.21	4.62	7.28	3.82	4.25	4.54	3.76	4.89	3.85	3.95	3.95	3.38	3.63	3.02	4.15	3.45	4.09	5.43	57.46	51.47	3.1
484	HARRIMAN (R)	F-2	TVA	810	28	8.56	4.08	5.86	5.02	3.92	5.72	2.81	4.76	6.86	3.80	5.10	4.21	4.85	6.10	2.22	3,48	4.06	3.21	2.81	2.60	3.79	3.52	3.09	4.70	53.93	51.20	---
419	OAKDALE	F-2	TVA	810	8	#8.57	3.75	6.36	5.24	3.68	5.13	3.77	4.66	6.42	4.21	4.23	4.09	4.90	5.98	2.36	4.86	3.16	2.66	3.01	2.48	3.74	3.28	3.07	4.48	#53.27	50.82	2.0
606	MORGAN STATE FOREST	F-2	TENN	1100	5	7.94		7.10		3.80		3.60		8.68		4.80		7.36		2.51		5.70		3.50		4.21		4.55		63.75		---
167	PETROS	F-2	TVA	1400	12	9.22	5.51	7.20	5.90	4.01	5.48	3.60	4.93	8.97	4.38	4.90	4.24	5.14	5.71	3.32	5.48	5.32	3.46	3.44	3.11	4.77	4.10	3.81	5.30	63.70	57.60	2,5
160	PILOT MOUNTAIN	F-2	TVA	1400	12	7.08	4.33	6.02	4.83	4.04	4.70	3.13	3.86	5.70	3.75	4.19	3.77	3.34	4.67	4.93	4.74	4.50	3.14	2.80	2.32	3.20	3.05	3.05	4.02	51.98	47.18	1.7

(#) Interpolated or partly interpolated.   (R) Recorder at present.

MONTHLY AND ANNUAL PRECIPITATION—1946—Continued

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	CLINCH RIVER BELOW NORRIS DAM (CONT'D)																															
485	SUNBRIGHT (R)	F-2	USWB	1480	7	6.90		5.69		2.95		3.26		4.56		5.30		#2.60		3.27		4.85		3.66		2.96		3.94		#49.94		---
164	CLARKRANGE	E-2	TVA	1800	12	8.25	4.74	5.37	4.83	3.12	4.76	2.66	4.05	3.08	3.74	3.39	3.73	3.44	4.76	3.33	4.22	4.35	3.16	2.90	2.35	4.07	3.52	2.60	4.16	46.56	48.02	2.0
159	HEBBERTSBURG	F-2	TVA	1800	12	7.24	4.75	5.68	5.58	4.04	4.85	4.03	4.60	5.94	3.88	4.13	3.66	2.79	5.74	3.42	4.82	4.44	3.10	3.72	2.78	3.40	3.49	3.62	4.76	52.45	52.01	---
163	CROSSVILLE (NEAR)	F-3	USWB	1860	35	6.67	4.99	6.14	4.65	3.88	5.92	4.51	4.79	5.03	4.10	5.14	4.52	2.96	5.62	5.21	4.55	4.91	3.30	2.95	3.17	4.52	3.34	3.48	5.24	55.40	54.19	5.0
507	LANTANA (R)	E-3	TVA	1910	6	7.19	3.95	5.63	5.27	3.62	4.66	3.23	3.94	4.55	3.29	3.65	3.09	2.33	4.71	4.48	3.41	3.90	3.87	3.30	2.21	3.55	3.33	2.98	5.60	48.41	47.33	---
418	FRANKFORT (RADIO)	F-2	TVA	1500	8	6.1	2.9	6.9	4.8	2.2	4.1	4.0	3.9	2.8	2.8	2.8	3.2	1.8	4.4	4.6	4.3	2.4	2.8	4.2	2.2	2.9	2.7	2.2	3.0	42.9	41.1	---
417	CROSSVILLE	E-2	TVA	1850	8	6.01	3.13	6.05	5.55	2.98	4.96	3.24	3.95	4.70	3.52	3.92	3.39	2.70	4.25	3.79	4.74	4.07	3.52	3.13	2.42	3.57	2.89	3.28	4.72	47.44	47.04	---
166	CONCORD	D-3	TVA	1000	12	9.08	4.45	4.78	4.82	2.14	4.68	3.25	4.76	5.47	3.48	3.44	3.23	5.22	5.37	1.38	2.76	2.86	2.61	3.66	2.22	3.41	3.05	4.42	4.01	49.11	45.44	1.0
508	PAULETTE	G-2	TVA	1050	6	7.17	3.97	6.46	5.26	4.01	5.06	2.79	3.54	4.91	3.44	3.73	3.37	1.87	5.38	4.53	3.97	2.89	4.12	3.90	2.95	3.20	3.15	3.86	4.51	49.32	48.72	2.9
169	CLINTON TVA NURSERY	D-2	TVA	850	63	7.72	4.69	6.14	4.58	4.33	5.51	3.27	4.50	7.95	3.68	5.87	5.16	2.59	5.00	2.93	4.57	3.73	3.18	4.81	2.77	4.29	3.39	4.22	5.32	57.85	52.35	---
424	LAKE CITY SUBSTA.	G-2	TVA	860	8	#8.79	3.82	5.87	5.31	4.37	5.33	3.32	3.98	6.96	4.37	4.24	3.33	4.72	5.40	4.31	4.18	3.93	4.55	3.69	2.55	4.06	3.32	4.10	4.58	#58.36	50.72	---
371	VASPER	G-2	TVA	990	9	9.80	4.14	4.76	5.63	4.19	5.01	4.61	4.32	5.69	3.64	2.77	3.66	4.05	4.82	4.67	4.13	2.94	3.36	3.42	1.89	3.75	3.34	3.56	4.69	54.21	48.63	---
322	NORRIS EVAP. STA. (R)	D-2	TVA	1020	12	8.10	4.79	5.68	5.14	3.71	5.03	2.41	4.24	8.16	4.16	3.71	3.73	5.57	4.25	5.86	3.36	3.13	2.86	3.64	2.53	3.90	3.33	3.87	3.51	57.74	46.93	---
323	NORRIS DAM	G-2	TVA	875	13	8.51	4.67	6.11	5.09	3.42	5.39	3.14	3.87	7.26	3.93	3.45	3.71	3.65	4.41	5.32	4.20	3.91	3.12	4.06	2.33	3.98	3.23	3.71	4.03	56.52	47.98	---
	CLINCH RIVER ABOVE NORRIS DAM																															
584	TURLEY	F-2	TVA	1400	5	8.75	4.51	4.57	5.34	3.94	5.20	2.68	3.75	6.58	5.28	4.32	4.70	3.75	4.14	4.70	5.93	4.79	4.05	3.61	2.87	2.98	3.38	3.16	4.17	53.83	53.32	4.0
523	ELK VALLEY (NEAR)	F-2	USWB	1250	6	7.36	3.51	5.43	5.07	3.44	4.52	2.94	3.72	5.37	3.99	3.68	3.90	4.03	5.81	5.76	5.95	5.02	4.06	3.77	2.54	2.85	3.39	3.26	4.46	52.91	50.92	---
325	LAFOLLETTE	D-2	TVA	1060	13	7.67	4.19	4.80	4.56	3.17	4.38	2.84	3.99	6.18	3.53	3.72	4.43	4.27	5.05	5.67	4.97	4.11	2.82	3.73	2.33	3.10	2.97	2.72	3.68	51.98	46.90	3.8
423	WESTBOURNE SUBSTA.	D-2	TVA	1340	8	7.28	3.28	4.64	4.58	3.69	4.70	3.47	3.98	7.52	4.26	4.62	4.30	2.83	5.63	5.09	4.53	4.75	3.30	4.85	2.56	2.35	2.77	2.96	4.12	50.05	48.01	---
326	WELL SPRING	G-2	TVA	1040	10	7.97	3.55	4.92	4.93	2.96	4.47	2.14	3.59	6.12	4.03	4.27	3.86	5.02	4.38	3.70	3.71	3.24	2.87	4.07	2.35	3.20	2.82	2.75	3.72	50.36	44.28	---
333	ARTHUR	G-2	TVA	1150	12	8.18	5.05	5.98	5.10	3.92	4.83	2.65	3.69	3.86	3.41	5.14	4.16	4.96	5.77	6.74	4.54	1.67	2.80	3.66	2.46	2.81	3.04	3.70	3.95	53.27	48.80	4.8
334	MIDDLESBORO	G-1	USWB	1128	56	8.72	4.43	4.77	4.20	3.65	5.30	#3.10	4.38	3.64	4.05	5.33	4.56	3.90	4.84	6.67	4.17	4.12	2.61	4.74	2.49	2.59	3.37	4.27	4.47	#55.50	48.87	3.7
334a	MIDDLESBORO AIRPORT (R)	G-1	USWB	1134	7	-		-		-		2.70		-		-		-		-		-		-		-		-		-----		---
338	ROSE HILL	H-1	TVA	1475	13	7.66	5.13	5.26	5.01	3.36	4.84	3.35	3.73	5.11	3.92	3.31	4.54	5.35	6.01	8.85	5.11	2.96	2.89	3.50	2.56	3.30	3.15	2.87	3.49	54.88	50.38	---
487	BAXTER (NEAR) (R)	R-1	USWB	1175	7	7.38	3.23	4.64	4.43	3.88	4.19	3.31	2.98	4.78	3.31	#2.90	4.23	4.78	5.79	4.91	5.03	3.21	3.03	3.14	2.34	2.68	2.72	4.10	3.94	#49.71	45.22	---
339	JONESVILLE	H-1	TVA	1400	12	6.42	4.48	5.11	4.77	3.92	5.06	4.39	4.09	6.45	3.61	2.03	4.58	4.45	5.97	8.69	4.68	1.20	2.61	2.90	2.39	2.22	2.75	3.83	3.86	51.61	48.85	7.7
339a	JONESVILLE (NEAR) (R)	H-1	VPI	1530	7	STATION DISCONTINUED																								-----		---
340	PENNINGTON GAP	H-1	USWB	1386	16	8.20	5.33	5.09	4.54	4.15	5.53	2.55	4.32	5.23	3.29	1.60	4.33	4.10	5.83	6.16	4.09	2.61	1.73	2.61	2.71	2.48	2.67	4.26	4.14	49.04	48.51	9.0
341	OLINGER	H-1	TVA	1400	12	7.42	4.59	4.09	4.49	3.37	4.96	2.24	3.67	4.48	3.94	2.13	4.46	5.44	5.62	6.72	4.80	4.53	2.58	2.13	2.46	2.45	2.58	4.13	3.55	49.13	47.70	6.7
499	BIG STONE GAP (R)	H-1	VPI	1550	7	STATION DISCONTINUED																								-----		---
344	RICH KNOB (R)	B-1	TVA	4150	12	8.18	5.24	4.84	4.91	4.60	5.50	4.08	4.15	5.62	3.39	1.64	5.44	10.28	7.18	6.56	6.43	5.33	3.24	2.25	2.98	2.49	2.86	2.75	3.44	58.62	55.44	---
342	DUNBAR, VIRGINIA	H-1	TVA	2000	12	7.45	4.39	4.65	4.30	4.18	4.85	3.68	3.97	6.67	3.97	2.63	4.64	6.32	6.21	6.07	5.04	2.06	2.61	2.19	2.65	2.05	2.82	3.07	3.40	51.02	48.85	7.5
327	WHITE HOLLOW (R)	G-2	TVA	1525	12	7.45	4.39	5.21	4.54	2.82	4.48	1.67	3.34	4.65	3.24	3.13	3.16	3.76	4.20	4.84	3.24	1.64	2.21	4.19	2.21	#3.60	2.98	3.25	3.68	#46.21	41.67	---
563	WALKERS FORD	D-2	TVA	1040	7	7.11	3.36	5.57	4.92	3.96	4.68	2.72	3.11	4.90	3.55	2.65	3.08	1.46	5.32	2.75	4.30	1.82	3.15	3.97	2.71	3.60	3.19	3.34	4.08	43.85	45.45	---
335	TAZEWELL, TENN. (NEAR)	G-2	TVA	1250	42	7.17	4.60	5.47	4.51	3.50	5.04	2.86	4.14	4.80	3.93	3.30	4.04	4.18	4.59	4.33	4.69	3.05	3.02	3.69	2.79	2.55	2.87	3.89	4.66	48.79	48.88	---
336	BIG SYCAMORE (R)	H-2	TVA	2300	12	6.70	4.30	4.20	4.38	2.78	4.66	#2.80	3.42	4.50	3.39	#2.88	3.43	4.30	4.99	6.04	4.04	1.93	1.92	1.92	2.00	1.80	2.36	2.98	3.43	42.83	42.32	---
673	THORN HILL	G-2	TVA	1390	-	STATION ESTABLISHED NOVEMBER 6, 1946																				2.20		2.98		-----		---
348	CLINCHPORT	H-1	TVA	1275	49	5.87	4.01	4.60	4.04	2.86	4.76	3.21	3.56	3.47	3.60	3.15	4.23	5.62	4.90	5.67	4.48	3.09	2.96	2.33	2.47	1.96	2.68	4.03	4.16	45.86	45.85	---
349	DUNGANNON	J-1	TVA	2500	12	6.14	3.87	3.53	4.00	3.38	4.09	4.74	3.21	3.15	2.72	4.03	4.17	6.46	6.01	3.69	4.22	3.02	2.63	1.68	2.33	1.80	2.32	3.21	3.22	44.83	42.79	---
350	DANTE	J-1	USWB	1900	30	5.07	3.94	#3.27	3.94	4.25	4.84	2.96	4.14	5.05	5.24	1.99	4.96	4.82	5.44	2.19	4.94	3.76	3.98	2.12	3.04	2.04	2.97	3.34	3.91	#40.82	50.82	8.7
350a	DANTE (R)	J-1	USWB	1900	7	4.98	2.80	-		-		2.78	2.68	-		-		5.38	6.07	2.51	4.73	3.77	2.59	2.19	2.35	2.07	2.03	3.61	3.09	-----		---
351	CLEVELAND	J-1	TVA	1525	13	4.21	3.50	3.16	3.65	3.20	4.02	2.69	3.16	3.58	3.29	2.21	4.34	6.57	6.18	2.78	5.87	3.36	2.93	2.57	2.63	1.90	2.61	3.26	2.98	39.49	45.16	2.8
352	HONAKER (NEAR)	J-1	TVA	2400	12	4.75	3.43	2.78	3.68	3.43	3.87	3.87	3.16	4.68	3.49	4.46	4.62	4.61	5.72	4.72	4.77	2.90	3.18	2.08	3.13	2.09	2.68	2.15	2.98	42.52	44.71	7.0
614	BONAKER (R)	J-1	TVA	1950	5	4.38		3.04		2.99		2.96		3.85		3.62		4.45		5.57		2.12		2.14		1.76		2.51		39.39		---
355	SPRING CREEK (R)	K-1	TVA	3150	12	3.65	2.65	2.05	2.58	2.61	2.61	2.22	1.93	3.40	3.25	3.82	3.67	4.64	5.19	1.19	3.87	1.50	3.08	0.91	2.12	0.96	1.51	1.60	2.03	28.55	34.49	---
353	SWORDS CREEK	J-1	TVA	2000	12	4.34	3.33	2.98	3.55	3.42	3.90	3.71	3.36	4.87	3.85	3.55	3.98	4.37	5.74	5.33	4.43	2.55	2.84	1.97	2.69	1.47	2.18	2.37	2.72	40.93	42.57	6.5
356	JEWEL RIDGE	K-1	TVA	2750	12	4.83	3.28	3.06	3.49	3.84	3.91	3.57	3.12	4.25	3.60	7.52	4.91	5.98	5.74	3.45	4.37	1.91	2.79	2.37	2.94	1.99	2.53	2.27	2.70	45.04	43.38	10.7
357	TAZEWELL, VIRGINIA	K-1	TVA	2450	12	4.21	2.94	2.84	3.25	3.76	3.61	3.37	2.65	4.48	3.81	4.79	3.78	3.84	5.20	3.02	3.05	1.80	3.13	1.92	2.41	1.45	1.89	2.28	2.72	37.76	38.44	6.6
357a	TAZEWELL (NEAR) (R)	K-1	VPI	2250	7	STATION DISCONTINUED																								-----		---
	HOLSTON RIVER																															
395	STRAWBERRY PLAINS	G-2	TVA	900	9	9.42	3.38	5.21	5.28	2.73	4.33	3.65	3.46	6.97	3.69	2.31	3.44	2.44	4.83	4.41	3.13	1.37	2.87	3.76	2.11	2.97	2.74	3.64	3.76	48.88	43.02	0.7
289	JOPPA	D-2	TVA	1000	12	8.19	4.97	5.66	4.87	4.84	5.11	3.75	4.40	6.36	3.50	3.62	3.39	1.84	4.41	3.70	4.06	1.75	2.51	3.42	2.42	2.52	2.67	3.58	3.67	49.23	45.98	0.5
489	CHEROKEE DAM	G-2	TVA	1000	7	7.96	3.39	5.26	5.00	2.96	4.32	2.87	2.94	5.62	3.57	3.05	3.30	2.48	5.06	4.42	4.11	1.14	3.14	3.38	2.35	2.23	2.66	2.77	4.01	45.14	43.85	---
486	JEFFERSON CITY (NEAR) (R)	D-2	USWB	1200	27	7.14	3.97	5.06	4.09	2.51	4.24	3.22	3.67	5.26	3.52	3.14	3.75	3.67	4.87	4.61	4.28	0.90	2.44	3.41	2.82	2.00	2.38	4.52	4.33	45.44	44.36	---
579	CARSON NEWMAN EVAP. STA.	G-2	TVA	1200	6	8.01	3.56	5.41	6.04	3.15	4.25	3.12	3.00	6.20	4.22	3.00	2.70	3.30	4.85	4.38	4.55	1.37	3.71	3.68	2.49	2.27	2.66	4.04	4.72	48.53	46.75	---
290	MORRISTOWN (NEAR)	H-2	TVA	1325	12	8.19	4.75	5.75	4.97	4.19	5.18	3.37	3.79	4.94	3.43	1.96	3.38	6.66	5.97	5.80	4.80	3.25	3.05	3.68	2.48	2.52	3.09	4.14	4.01	54.45	48.90	5.0
346	FLAT GAP	H-2	TVA	2000	12	7.83	4.60	5.29	4.67	4.07	4.41	2.88	3.52	3.80	2.94	1.89	3.07	3.02	5.13	5.69	4.37	2.12	2.57	3.79	2.37	2.53	2.66	3.86	3.78	46.77	44.09	0.4
291	ROGERSVILLE	H-2	USWB	1096	63	6.80	3.86	4.76	3.71	4.66	4.58	2.86	3.57	4.14	3.74	1.60	4.17	3.01	4.65	5.82	3.99	1.87	2.83	2.99	2.63	2.09	2.59	3.46	4.22	44.06	44.54	1.6
347	LITTLE WAR GAP	H-2	TVA	2000	12	6.68	4.34	4.70	4.35	3.21	5.02	3.02	3.73	3.55	3.12	3.00	3.42	4.42	5.54	4.79	3.77	2.32	2.82	2.98	2.39	2.14	2.59	3.64	3.69	44.45	44.78	3.7
516	STANLEY KNOBS (R)	B-2	TVA	1250	6	6.07	3.39	4.17	4.87	3.17	4.20	2.47	2.78	3.37	3.36	2.59	3.76	4.98	5.07	4.60	4.32	2.11	2.61	2.28	2.30	2.25	2.55	2.76	3.83	40.82	43.04	---
314	BIG KNOB (R)	J-1	TVA	3150	12	5.01	3.59	3.30	3.69	2.32	3.79	3.73	2.97	3.12	2.74	2.15	2.47	3.50	4.84	3.38	3.37	2.48	2.71	2.72	2.33	1.92	2.16	3.21	3.02	36.84	37.68	---
315	MENDOTA	J-1	TVA	1350	42	5.41	4.38	3.94	3.66	2.67	4.66	4.07	3.90	4.28	4.09	1.89	4.40	4.25	5.12	3.83	4.23	1.99	3.09	2.41	3.05	2.02	2.68	3.46	3.93	40.22	47.19	4.6
316	HOLSTON	J-1	TVA	3450	12	3.71	3.32	5.96	3.83	3.37	3.64	3.88	2.90	3.09	3.21	2.78	3.50	2.99	5.08	2.70	4.03	1.12	2.57	1.61	2.96	1.61	2.35	2.51	3.00	35.33	40.39	5.3
318	SALTVILLE	K-1	USWB	1735	32	4.87	3.72	3.02	3.72	2.69	4.41	2.76	3.68	7.19	3.89	2.14	5.09	4.13	4.72	2.16	4.25	1.63	3.24	1.36	3.08	2.41	2.52	3.11	4.29	37.47	46.61	7.2
318a	SALTVILLE	K-1	TVA	1725	7	4.91	2.78	2.38	3.38	1.68	3.54	2.83	2.33	5.94	4.47	1.81	3.51	4.12	4.26	2.07	4.22	1.61	3.26	1.29	2.24	2.07	2.13	2.96	3.41	33.67	39.53	---

(#) Interpolated or partly interpolated.   (R) Recorder at present.

TENNESSEE VALLEY AUTHORITY

MONTHLY AND ANNUAL PRECIPITATION—1946—Continued

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	HOLSTON RIVER (CONT'D)																															
320	BURKES GARDEN	K-1	USWB	3250	52	5.09	3.61	3.36	3.44	4.89	4.58	3.03	3.76	3.62	4.29	2.58	4.83	2.46	4.40	2.33	4.42	1.88	3.42	1.65	3.21	3.04	2.76	4.24	3.75	38.17	46.47	16.0
535	KINGSPORT RESERVOIR	J-2	TVA	1870	6	#5.80	3.04	4.07	4.36	2.51	4.20	3.80	2.63	3.86	2.87	1.54	3.24	5.82	4.58	3.69	3.96	2.33	3.47	2.41	2.13	2.12	2.49	3.33	3.92	#41.28	40.89	3.7
293	KINGSPORT	J-2	USWB	1270	25	5.65	3.65	4.03	3.80	2.39	3.81	3.31	2.47	3.51	4.09	2.34	3.83	6.94	5.10	3.11	4.29	1.52	2.72	2.57	2.62	2.01	2.45	3.24	3.96	40.62	43.79	3.9
376	TRI-CITY AIRPORT	J-2	USWB	1545	8	5.09	3.65	3.97	3.80	2.36	3.81	3.57	3.47	4.22	4.09	1.72	3.83	6.58	5.10	2.33	4.29	PUBLICATION OF DATA DISCONT'D								-----		---
376a	TRI-CITY AIRPORT (R)	J-2	OSWB	1545	7	5.11	3.65	3.63	3.80	2.21	3.81	3.28	3.47	3.66	4.09	1.72	3.83	6.58	5.10	2.33	4.29	2.29	2.72	2.00	2.62	1.57	2.45	3.74	3.96	38.12	43.79	2.1
495	BRISTOL	J-2	TVA	1750	28	5.58	2.71	3.97	3.50	2.30	4.14	5.04	2.95	3.92	3.44	2.14	4.18	6.19	5.09	2.93	3.77	0.93	2.66	2.35	2.08	2.15	2.65	3.26	3.47	40.76	40.64	6.5
307a	WALLACE (NEAR)	J-1	TVA	1975	12	4.36	3.79	3.49	3.52	1.91	3.08	2.65	2.49	2.64	2.81	1.58	3.48	5.79	5.05	2.91	4.12	1.23	3.11	2.39	2.30	1.54	2.17	3.08	2.73	33.57	38.65	2.4
306	BLUFF CITY	J-2	TVA	1400	52	#5.13	3.57	#3.56	3.67	2.66	4.40	3.78	3.34	5.08	3.73	1.21	4.04	7.46	5.52	3.36	4.40	1.60	2.95	2.19	2.61	1.62	2.39	3.44	3.54	#41.09	44.16	1.5
308	CRANDULL	J-2	TVA	3360	12	#5.45	4.13	4.53	4.28	5.25	4.35	5.51	3.59	5.04	4.73	2.72	4.36	8.59	6.54	4.78	4.95	2.65	3.77	2.44	3.04	2.75	2.72	4.78	3.58	#54.49	50.04	---
616	MCQUEENS KNOB (RADIO)	J-2	TVA	3885	5	5.0		4.1		4.3		4.7		5.0		2.4		4.8		3.7		3.1		2.4		2.4		3.2		45.1		---
604	ABINGDON	J-1	TVA	2000	5	5.07		4.21		3.45		3.52		5.63		2.18		4.44		4.24		0.97		2.15		1.76		2.86		40.48		1.0
492	MEADOWVIEW	J-1	TVA	1860	7	4.83	2.53	3.71	3.68	3.11	3.61	4.00	2.26	4.55	4.19	1.17	3.99	7.07	4.62	2.11	4.48	1.08	2.81	1.62	1.85	2.07	2.08	2.86	3.01	38.18	39.11	---
317	EMORY	J-1	USWB	2115	22	4.06	3.89	#2.74	3.59	2.38	4.68	4.04	3.61	5.49	3.98	0.47	3.86	1.56	4.60	3.95	5.21	0.82	2.68	1.63	2.68	2.07	2.30	4.60	3.33	#33.81	44.41	4.0
500	GLADE SPRINGS (NEAR) (R)	K-1	VPI	2200	17	STATION DISCONTINUED																								-----		---
312	MARION	K-1	TVA	2150	40	4.08	3.19	2.21	3.46	3.16	3.85	2.24	3.08	5.22	3.94	1.25	4.77	4.42	4.77	2.85	4.26	1.68	2.88	1.52	2.50	1.83	2.27	2.76	2.90	33.22	41.87	5.5
613	GROSECLOSE	K-1	TVA	2550	5	3.84		2.38		3.09		2.75		4.52		1.29		4.08		1.97		2.60		1.11		1.80		2.31		31.74		4.2
313	WYTHEVILLE	K-1	USWB	2299	73	3.63	3.08	2.25	2.99	3.46	3.44	3.75	2.99	3.05	3.66	2.07	4.20	7.52	4.00	2.61	4.19	2.34	3.30	0.94	2.84	1.75	2.14	2.46	2.92	35.83	39.75	---
309	DAMASCUS	K-1	USWB	1950	20	4.43	3.11	4.36	3.57	3.24	4.13	4.42	3.60	5.55	4.28	2.08	3.96	6.99	5.48	3.80	4.52	2.23	3.20	1.75	2.48	2.19	2.29	3.02	2.66	44.06	43.28	3.4
615	SKULLS GAP (RADIO)	K-1	TVA	3500	5	4.3		#3.9		#2.9		2.8		4.9		2.5		3.4		2.4		2.9		2.5		2.1		3.0		#37.6		---
310	LOVES MILL	K-1	TVA	2060	12	4.58	3.48	3.17	3.39	2.87	3.45	3.35	2.81	6.62	4.14	0.71	3.74	3.90	5.42	2.55	4.36	1.31	3.08	1.77	2.36	1.97	2.06	2.78	2.79	35.58	41.81	4.5
311a	TROUT DALE (R)	K-1	USWB	3120	7	4.47	3.76	3.66	4.06	4.29	4.34	4.22	3.46	6.51	4.56	2.62	4.10	6.79	6.08	2.11	4.73	3.04	3.86	1.63	2.67	1.96	2.60	3.02	3.22	44.32	47.44	---
408	SUGAR GROVE	K-1	OSFS	2680	8	3.72	2.83	3.29	3.53	4.06	3.42	3.20	2.76	5.75	4.20	1.42	3.94	10.44	5.82	2.76	3.78	2.61	2.66	1.89	1.89	1.53	1.83	2.80	2.94	43.47	39.60	---
294	CEDAR CREEK	J-2	TVA	1750	12	5.10	3.80	4.12	3.86	2.56	4.43	3.22	3.09	5.28	3.18	2.69	3.35	4.25	5.88	3.38	3.17	2.19	3.25	2.36	2.53	1.89	2.36	3.31	3.28	40.35	42.18	2.5
416	JOHNSON CITY VET. HOSP.	J-2	TVA	1730	30	5.45	3.27	4.02	3.43	2.87	4.13	4.00	3.22	5.33	3.86	1.05	3.98	5.93	4.99	2.63	4.24	1.43	2.90	2.28	2.58	1.93	2.34	3.30	3.46	40.22	42.40	5.5
295a	ELIZABETHTON NO. 2	J-2	TVA	1512	56	4.11	3.34	3.72	3.33	3.35	4.28	3.47	3.32	4.05	4.18	1.33	4.93	7.62	5.22	4.37	4.42	2.50	2.96	2.44	2.59	1.78	2.16	2.78	3.34	41.52	44.07	---
225	STONE MOUNTAIN	J-2	TVA	2590	13	4.28	4.56	6.15	4.90	3.78	5.35	5.74	3.70	5.08	3.90	2.11	4.22	6.22	7.27	1.67	4.42	0.83	3.32	3.24	2.97	2.43	2.91	2.15	3.44	43.68	50.96	5.2
296	WILBUR HYDRO P.H.	J-2	TVA	1630	19	5.22	3.76	4.71	3.91	3.87	4.96	2.62	3.83	5.17	4.79	2.91	4.23	9.50	6.52	3.31	4.27	2.82	3.20	2.69	2.78	2.02	2.48	3.26	3.29	48.10	48.02	8.5
596a	WATAUGA DAM	J-2	TVA	1760	-	STATION ESTABLISHED AUGUST 29, 1946														-		2.88		3.10		2.19		2.65		-----		---
297	COLESVILLE	J-2	TVA	2290	12	5.62	3.58	4.96	4.11	4.39	3.81	5.34	2.58	7.37	3.57	3.07	4.03	6.97	5.32	3.60	4.47	3.12	3.57	2.50	2.50	2.65	2.58	3.73	3.37	53.32	43.49	---
491	BUTLER (R)	J-2	TVA	1830	7	4.02	2.72	4.08	3.12	3.26	3.66	3.91	2.50	5.58	3.88	1.57	4.11	7.49	6.59	3.30	2.85	1.82	4.03	2.47	2.04	2.04	2.23	2.13	3.26	41.67	40.99	---
645	MAYMEAD	K-2	TVA	2250	3	#4.30		4.34		3.68		4.38		5.27		2.60		5.86		#3.40		2.51		2.47		2.27		2.63		#43.71		0.1
609	TRADE (RADIO)	K-2	TVA	3530	5	4.4		2.7		3.4		3.2		4.2		2.8		4.4		1.5		1.8		3.0		1.3		1.8		34.5		---
301	MOUNTAIN CITY	K-2	TVA	2410	38	4.80	3.66	3.45	3.57	3.86	4.30	4.14	3.52	6.73	4.12	2.03	4.61	7.42	5.90	3.57	4.86	2.13	3.12	2.30	2.68	2.12	2.20	2.43	3.37	44.98	45.91	2.8
304	PARKER	K-2	USWB	3950	29	5.27	4.20	3.46	3.50	3.89	4.60	4.94	3.90	6.76	3.90	1.79	5.90	4.32	5.20	2.57	5.80	3.21	3.60	2.76	3.30	2.11	2.20	3.01	3.60	44.09	49.70	15.6
305	JEFFERSON	K-2	USWB	2900	41	4.24	3.20	4.15	3.40	4.40	4.20	3.09	3.80	4.50	4.40	1.33	5.00	8.98	4.90	1.60	5.20	3.85	4.20	2.76	3.90	1.99	2.60	1.64	4.20	42.53	49.00	4.0
298	DOOMVILLE	J-2	TVA	2760	12	4.24	3.48	3.56	4.01	3.12	4.09	3.79	3.04	6.40	4.10	2.24	4.34	7.77	7.28	2.68	4.20	1.78	3.45	3.84	2.78	2.92	2.62	1.91	2.98	44.25	46.37	3.5
299	BANNER ELK	J-2	OSWB	3550	40	4.84	3.72	3.46	3.78	5.09	5.13	#3.60	4.24	5.01	4.85	1.41	5.37	4.95	6.26	2.81	5.85	1.71	4.43	4.62	4.91	1.70	2.60	#1.70	4.59	#40.90	55.93	---
300	REESE	J-2	TVA	3320	12	4.69	3.51	3.44	4.06	4.07	4.05	3.91	3.26	5.04	4.52	2.06	3.90	6.01	6.74	2.36	4.33	2.11	3.65	2.61	2.93	1.91	2.66	2.27	3.07	40.48	46.68	8.5
607	MAST	K-2	TVA	2670	5	4.54		3.92		4.42		3.22		5.39		2.45		6.18		1.34		1.63		3.37		1.82		1.20		39.48		---
302	SNAKE MOUNTAIN (R)	K-2	TVA	5575	12	3.53	2.33	2.59	2.14	2.98	2.32	2.23	2.37	4.43	3.51	3.05	3.61	4.55	6.14	-		-		-		-		0.99	1.76	-----		---
303	BOONE	K-2	USWB	3332	18	7.09	4.59	3.80	4.95	6.60	5.48	3.09	4.63	5.06	4.65	2.84	3.98	7.74	6.06	1.36	5.02	4.33	4.35	5.74	5.73	1.71	4.49	1.37	4.20	50.73	58.13	11.8
632	BLOWING ROCK	K-2	USWB	3600	4	7.72		2.55		7.75		2.39		6.93		3.08		6.29		3.64		3.06		4.80		3.24		#1.60		#53.05		1.6
	HIWASSEE RIVER BELOW HIWASSEE DAM																															
93	BIG SPRING	F-3	TVA	750	13	12.16	5.56	5.58	5.53	4.64	5.19	4.53	4.99	6.60	3.84	3.93	3.97	4.54	5.25	2.97	4.66	5.42	2.85	3.50	2.93	4.68	3.10	3.81	4.78	62.36	52.65	T
429	CLEVELAND SUBSTA.	F-4	TVA	880	8	11.19	4.35	5.99	5.51	5.49	5.67	3.81	3.96	10.02	4.12	3.46	3.27	2.02	4.48	1.14	3.53	6.01	3.09	2.59	2.58	5.06	2.96	4.94	5.48	61.72	49.00	---
98a	CHARLESTON	F-4	TVA	730	63	9.65	4.86	6.25	5.01	5.09	5.76	3.38	4.69	6.86	3.99	5.72	4.65	1.74	4.73	1.65	4.04	3.88	2.91	2.17	3.00	4.99	3.31	4.58	4.99	55.96	51.94	---
428	ATHENS SUBSTA.	F-3	TVA	940	8	12.06	4.22	5.24	5.17	4.56	5.35	5.06	4.06	6.99	4.00	3.13	3.32	3.93	5.10	3.95	5.10	5.40	3.59	2.99	3.03	4.49	2.88	3.76	4.99	61.56	50.81	---
C17	NEW BETHEL (R)	F-3	TVA	900	2	7.75		5.30		#4.29		2.84		5.40		#3.14		3.33		5.71		5.97		3.70		4.18		4.73		#56.34		---
C19	DOUBLE SPRINGS (R)	F-3	TVA	820	2	9.49		5.60		4.84		3.50		6.47		#3.94		2.31		4.72		6.28		2.96		4.49		4.35		#58.95		---
C11	ENGLEWOOD	F-3	TVA	820	2	9.88		5.29		4.42		4.77		6.20		3.12		6.85		2.79		5.41		3.85		3.96		4.25		60.79		---
C5	HICKORY GROVE (R)	F-3	TVA	1040	2	9.12		5.73		5.39		4.05		6.73		5.43		3.07		4.90		4.25		3.98		3.38		4.41		60.44		---
C7	GUDGER (R)	F-3	TVA	930	2	11.44		5.18		5.13		4.11		7.33		#3.46		4.08		6.23		5.89		3.56		3.63		3.63		#63.67		---
99	PARKSVILLE DAM	F-4	TVA	750	21	7.65	4.59	6.72	4.72	5.81	5.18	4.24	4.32	8.41	4.09	5.27	4.95	3.99	4.92	2.34	3.90	5.66	2.94	4.00	2.68	5.63	3.17	3.96	4.66	63.68	50.12	---
627	CONASAUGA (NEAR)	F-4	USED	775	4	7.84		6.55		5.09		4.32		7.42		5.67		3.64		1.85		4.59		3.92		6.04		4.28		61.21		---
100	OCOEE NO. 2 POWERHOUSE	F-4	TVA	860	32	7.17	4.66	6.89	4.64	6.09	5.64	4.34	4.44	7.68	4.06	5.84	4.17	4.22	5.40	3.61	4.28	5.83	3.13	3.17	3.07	4.51	3.47	3.91	4.84	63.26	51.88	---
101	SASSAFRAS KNOB (R)	F-4	TVA	3300	13	8.88	5.81	7.15	5.97	6.46	5.97	5.21	5.23	9.24	4.05	7.23	4.13	2.59	6.12	2.45	4.87	5.01	2.82	4.68	2.94	5.41	3.50	4.29	5.20	68.60	56.61	---
502	BOYD GAP (R)	F-4	TVA	1520	7	8.38	4.30	7.69	6.18	5.38	6.73	4.17	3.47	6.14	3.85	5.16	5.06	3.30	5.80	1.37	4.78	4.06	3.27	3.50	2.52	5.28	2.88	3.66	5.62	58.09	54.46	---
501a	DUCKTOWN (R)	F-4	TVA	1600	7	7.74	3.73	7.29	5.03	5.27	5.59	4.95	3.33	6.42	3.84	5.32	4.94	5.53	4.90	1.69	4.03	4.69	2.85	4.04	2.40	4.01	2.60	3.19	4,85	60.14	48.09	---
106	ISABELLA (R)	F-4	TVA	1780	13	8.95	5.07	7.14	5.05	5.44	5.86	4.50	4.42	6.54	3.73	5.19	4.01	6.25	5.66	2.49	3.96	4.11	2.49	3.72	2.59	4.36	2.80	3.36	4.37	62.05	50.01	---
107	COPPERHILL	F-4	OSWB	1624	33	9.07	5.28	8.51	4.70	5.96	5.28	5.04	4.95	6.54	4.09	6.66	4.22	7.29	5.22	1.82	4.34	4.68	3.41	4.04	2.90	4.26	3.22	3.74	5.96	67.61	53.57	0.7
431	COPPERHILL NO. 2 SUBSTA.	F-4	TVA	1600	11	8.81	5.61	8.25	5.64	6.54	6.08	5.06	4.68	6.39	3.65	5.82	4.62	7.07	6.32	1.55	4.54	5.75	3.01	3.81	2.49	5.29	2.63	3.79	5.22	68.13	54.49	---
571	HIGDONS STORE (RADIO)	F-4	TVA	1900	6	10.8	6.0	10.1	9.1	6.6	7.6	2.7	3.8	7.6	4.8	8.6	4.1	7.0	5.2	#1.4	4.5	4.2	3.8	4.4	2.9	4.1	3.4	4.1	6.6	#71.6	61.8	---
109	FLAT TOP (R)	F-4	TVA	3650	13	17.23	9.23	11.86	9.01	9.91	8.60	6.83	6.91	10.80	5.47	10.46	5.84	7.38	8.52	2.32	6.28	4.57	4.05	5.16	3.60	6.62	5.36	6.39	7.73	99.53	80.60	---
110	BLUE RIDGE RES. DAM	F-4	TVA	1560	26	9.05	5.37	8.20	5.30	6.04	5.98	3.82	5.14	10.02	4.62	6.26	4.23	5.07	5.48	1.92	4.20	2.64	2.90	3.18	2.59	2.96	3.38	3.85	6.25	63.01	55.44	---
111	STANLEY GAP (R)	F-4	TVA	2300	13	12.75	6.54	10.40	6.54	8.36	6.49	4.98	5.63	9.67	3.78	8.53	4.23	3.65	5.94	2.92	5.08	4.35	2.69	3.04	2.47	4.92	3.71	4.09	5.60	77.66	58.70	---
112	NOONTOOTLA CREEK	F-4	TVA	2050	13	10.42	6.13	9.46	6.67	9.51	8.85	5.71	5.60	11.19	4.34	7.78	4.30	3.26	6.29	3.51	5.56	3.78	3.02	4.22	2.81	3.24	3.15	3.73	5.11	75.81	61.83	T
633	DIAL P.O. (RADIO)	F-4	TVA	1900	4	#9.1		8.1		7.9		3.8		9.7		10.8		4.1		2.1		2.4		3.1		2.9		3.0		#67.0		---

(#) Interpolated or partly interpolated. (R) Recorder at present.

TENNESSEE VALLEY AUTHORITY

MONTHLY AND ANNUAL PRECIPITATION—1946—Continued

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	HIWASSEE RIVER BELOW HIWASSEE DAM (CONT'D)																															
115	SUCHES	D-4	TVA	2850	13	#8.85	7.38	8.16	7.67	11.52	7.84	5.55	6.55	12.28	5.21	6.73	4.78	5.61	7.14	0.96	6.73	6.31	4.25	4.39	3.83	4.77	5.14	#4.05	6.62	#79.18	73.14	---
117	ETOWAH	F-3	USWB	880	21	-	4.21	-	4.66	-	5.36	3.41	4.24	5.89	3.95	3.59	3.37	3.63	4.95	4.94	3.95	6.65	2.52	3.80	2.73	-	3.49	-	5.28	-----	48.71	---
120	COKER CREEK	F-4	TVA	1650	13	8.20	5.47	6.71	5.75	5.96	6.19	4.57	4.87	8.36	4.12	5.47	4.23	7.54	5.64	5.26	4.35	4.26	2.59	4.76	2.51	4.37	3.35	4.79	4.52	70.25	53.59	1.5
638	APALACHIA POWERHOUSE	F-4	TVA	880	4	7.38		6.50		5.15		5.44		6.50		5.58		4.27		3.46		4.72		3.42		4.92		4.16		61.50		---
575	FARNER	F-4	TVA	1550	6	8.61	4.30	7.40	7.02	5.59	6.50	5.70	4.30	7.13	5.28	4.97	4.09	6.43	6.27	4.70	3.76	2.17	3.44	4.10	2.87	5.74	3.32	4.16	5.89	66.70	57.04	---
121	TURTLETOWN	F-4	TVA	1600	13	8.95	5.49	7.30	6.09	7.36	6.49	5.50	4.84	8.03	3.94	5.94	4.25	7.22	5.79	2.82	4.24	5.58	2.59	4.45	2.78	5.62	3.13	4.63	4.71	73.40	54.34	---
575a	APALACHIA DAM (R)	F-4	TVA	1176	5	8.06	4.19	6.70	7.13	5.51	6.94	4.79	4.02	7.99	4.97	3.78	3.44	4.26	6.43	4.38	4.23	3.81	4.30	4.43	2.80	5.14	3.19	3.97	5.76	62.82	57.40	---
	HIWASSEE RIVER ABOVE HIWASSEE DAM																															
125	HIWASSEE DAM (R)	D-4	TVA	1500	10	#8.51	4.41	7.13	5.86	5.15	5.99	4.54	4.33	6.09	4.17	3.49	4.78	4.20	5.55	2.06	3.69	3.24	2.42	3.37	2.16	3.31	2.81	3.25	4.57	#54.34	50.74	---
125a	HIWASSEE DAM NO. 2	G-4	TVA	1310	7	8.73	4.38	7.26	6.17	5.30	6.53	4.57	3.75	6.94	4.43	3.52	4.09	4.39	5.31	2.14	3.79	3.22	2.90	3.30	2.41	3.43	2.92	3.27	5.16	56.07	51.84	---
126	BEAVERDAM CREEK	D-4	TVA	2100	13	10.67	6.70	7.86	6.74	7.22	7.55	4.95	5.75	7.31	4.76	5.08	4.94	7.58	7.20	3.81	6.02	4.85	3.58	3.83	3.28	4.18	4.10	5.35	5.87	72.69	66.49	4.5
127	LETITIA	G-4	TVA	1800	10	9.69	4.73	7.82	6.28	6.02	6.27	5.02	4.53	7.80	4.42	5.36	4.54	7.66	6.13	4.03	4.37	3.16	2.80	3.72	2.49	2.56	2.97	3.72	5.01	66.56	54.53	0.9
129	SWEET GUM (R)	F-4	TVA	1800	13	#8.89	5.49	#7.92	5.63	5.33	5.72	4.45	5.09	8.25	3.43	3.79	4.01	2.66	5.19	2.07	4.39	3.30	2.62	2.77	2.15	2.72	2.83	3.23	4.60	#55.38	51.15	---
573	NOTTELY DAM	G-4	TVA	1740	6	8.00	4.54	7.90	6.36	6.29	6.24	4.06	3.58	8.59	4.65	3.75	3.26	1.88	4.44	2.60	4.10	3.47	3.10	3.05	2.33	2.47	2.47	3.64	5.12	55.70	50.19	0.5
131	HEMPTOWN GAP	G-4	TVA	2100	13	8.69	5.20	8.76	5.57	7.11	5.67	4.06	4.79	9.84	3.92	2.94	3.53	2.27	5.97	2.51	4.56	4.22	2.56	3.70	2.51	2.94	2.82	3.47	4.08	60.51	51.18	T
133a	BLAIRSVILLE NO. 2	C-4	TVA	1820	-	ESTABLISHED MAY 27, 1946						-		-		4.84		2.14		1.15		4.33		3.56		2.76		2.62		-----		---
133	BLAIRSVILLE	G-4	USWB	1938	14	9.32	5.48	6.43	5.73	9.09	5.44	3.53	4.06	8.64	4.27	5.00	3.76	2.34	5.59	1.50	4.65	3.23	3.15	3.59	3.13	2.36	2.93	2.85	5.40	57.88	53.59	0.1
570	CHOESTOE (RADIO)	G-4	TVA	1900	6	11.2	5.2	8.6	6.9	9.1	7.6	4.5	4.0	7.2	4.6	4.4	3.2	2.2	4.3	1.9	4.4	5.4	3.7	4.3	2.9	3.2	2.7	2.9	5.5	64.9	55.0	---
135	NEEL GAP (R)	G-4	TVA	3300	13	13.33	7.10	7.92	6.80	9.56	6.75	4.44	5.59	8.43	4.13	4.64	4.19	3.13	6.23	1.29	7.38	5.65	4.14	4.86	3.44	3.80	4.19	2.85	5.95	69.90	65.89	---
136	MURPHY EVAP. STA. (R)	G-4	TVA	1575	72	8.61	5.55	7.26	5.61	5.94	6.26	4.85	4.80	8.43	4.06	3.33	5.00	4.91	5.70	2.28	5.17	4.24	3.21	3.29	3.03	3.04	3.65	3.53	5,26	59.71	57.30	---
138	TOMOTLA	G-4	TVA	1600	11	9.67	5.87	7.10	6.47	4.64	6.06	4.80	5.22	7.38	4.04	2.51	3.97	7.17	7.32	2.25	5.23	4.05	3.05	3.17	2.55	3.09	2.81	4.12	4,95	59.95	57.54	2.5
140	HYATT CREEK	G-4	TVA	2500	13	12.64	6.86	8.34	7.78	7.76	8.16	3.76	6.15	8.41	5.28	3.39	5.36	6.40	7.65	3.98	6.76	4.41	3.75	3.66	3,77	4.44	3.66	7.53	6.53	74.72	71.71	5.7
141	ANDREWS	G-4	USWB	1815	38	9.13	5.40	8.03	5.50	6.70	6.60	5.18	4.70	6.97	5.00	3.79	5.10	4.10	6.10	2.54	5.00	3.76	3.80	3.27	3.40	3.08	4.00	4.90	6.80	61.45	61.40	4.5
362	TEYAHALEE BALD (R)	G-4	TVA	4750	9	12.21	5.67	8.43	6.94	6.55	7.05	4.41	4.99	7.12	4.70	5.64	5.47	4.82	7.55	3.51	5.05	4.79	4.02	3.48	2.36	4.49	4.12	6.16	5.64	71.61	63.56	---
400	BRASSTOWN	G-4	USFS	1640	9	7.15	4.24	8.60	6.24	6.25	5.89	4.76	3.73	7.41	3.15	2.75	4.01	3.94	6.13	2.79	4.08	3.30	2.79	3.48	1.86	3.00	2.84	4.20	4.06	57.63	49.02	---
146	YOUNG HARRIS (RADIO)	D-4	TVA	1900	10	7.1	4.0	6.1	5.5	7.8	5.7	3.1	3.6	6.7	3.7	2.2	4.1	2.8	5.5	2.1	4.8	3.0	2.6	3.2	2,3	2.2	2.4	1.9	3.8	48.2	48.0	---
147	BRASSTOWN BALD (R)	D-4	TVA	4780	13	10.19	6.26	7.87	5.83	11.02	6.56	5.11	5.55	8.42	4.26	3.92	4.09	4.33	6.49	1.19	6.27	4.34	4.16	5.21	3.67	3.16	3.57	2.70	5.16	67.46	61.87	---
144	ANDREWS P. P.	G-4	NP.CO.	1670	16	5.90	4.30	6.68	4.68	5.35	5.04	4.37	4.12	6.98	3.02	1.95	3.72	2.92	6.09	1.89	4.00	2.57	2.45	2.82	2.32	2.46	2.31	3.28	3.66	47.17	45.71	---
572	CHATUGE DAM	G-4	TVA	1930	6	7.76	4.76	7.31	6.53	6.74	6.20	5.01	4.01	8.24	5.13	2.17	2.98	3.58	4.82	2.34	3.34	3.43	3.83	3.08	2.60	2.23	2.51	2.95	4.78	54.84	51.49	---
152	GLADE GAP (R)	G-4	TVA	3800	13	8.76	6.23	5.73	6.39	7.21	6.48	6.15	5.13	5.98	4.40	4.05	4.26	8.20	7.57	2.98	5.59	3.58	3.61	3.93	3.07	3.18	3.39	2.71	5.06	62.46	61.18	---
153	LITTLE HIGHTOWER	D-4	TVA	2150	13	8.58	5.36	7.35	5.59	12.58	6.67	5.09	5.38	8.52	4.04	2.40	4.19	5.79	7.04	2.39	5.40	4.05	3.91	4.13	3.47	3.57	3.61	2.83	5.21	67.28	59.87	0.6
574	TITUS (RADIO)	G-4	TVA	2300	6	8.2	4.6	6.6	6.3	11.5	8.0	5.8	4.8	8.8	5.2	3.0	2.6	5.7	5.8	2.9	3.0	3.0	3.8	3.6	2.8	2.9	2.6	2.8	5.9	64.8	55.4	---
569	MOUNTAIN SCENE (RADIO)	G-4	TVA	2090	5	RE-ESTABLISHED JUNE 28, 1946										-		3.3		2.3		DISCONT'D SEPTEMBER 19, 1946								-----		---
154	TRAY MOUNTAIN (R)	D-4	TVA	3900	13	18.28	7.34	9.53	6.63	14.05	7.36	3.55	6.20	10.20	4.82	4.10	3.99	4.98	7.56	1.06	8.36	5.39	5.13	4.84	4.17	4.29	4.36	3.81	6.27	84.08	72.19	---
	LITTLE TENNESSEE RIVER																															
171	MCGHEE	G-3	USWB	850	42	11.02	4.42	5.90	4.33	4.75	5.18	3.84	4.30	7.35	3.86	3.96	4.34	2.71	4.70	1.85	3.98	2.75	3.32	3.82	2.96	3.80	3.25	3.58	5.24	55.33	49.88	2.5
173	KITTIE	G-3	TVA	1000	12	7.65	4.97	5.34	5.05	4.85	5.33	5.50	4.33	5.77	4.00	3.91	2.88	2.41	4.49	1.26	4.10	3.03	2.25	4.47	2.57	3.79	3.17	5.33	3.92	53.31	47.06	---
174	TELLICO PLAINS	F-3	USWB	880	19	9.12	4.35	6.58	4.30	4.88	5.47	4.24	4.52	6.50	4.32	4.60	5.08	3.66	5.45	3.40	4.95	4.68	3.16	4.60	3.08	4.25	3.30	4.83	5.70	61.34	53.68	1.5
374	TELLICO RANGER STA.	F-3	USFS	1100	9	-		-		-		4.53		6.05		4.08		-		-		-		4.19		2.13		5.58		-----		---
179	HAW KNOB (R)	D-3	TVA	4900	12	10.31	6.98	7.79	7.33	6.49	7.36	5.45	5.90	8.46	5.60	5.78	5.73	5.86	8.84	3.84	7.11	4.96	4.10	4.62	3.44	4.81	4.48	5.70	6.02	74.07	72.89	---
175	MINT	D-3	TVA	920	12	8.41	5.08	4.84	5.41	4.22	5.24	4.09	4.03	7.22	3.97	2.65	3.41	2.65	5.83	2.15	5.36	2.98	2.96	4.13	2.78	4.32	3.11	5.16	4.42	52.82	51.60	1.4
536	CADES COVE NO. 3	G-3	USDI	1800	6	DISCONTINUED JANUARY 1, 1946																								-----		---
668	ABRAMS CREEK	G-3	USDI	1400	1	7.89		4.47		4.32		3.44		6.91		3.35		4.96		1.61		2.55		4.09		5.68		5.31		54.58		1.0
176	CALDERWOOD POWERHOUSE	D-3	ALCOA	950	17	5.80	4.33	5.13	5.06	4.30	5.46	4.43	4.45	5.41	4.15	2.92	3.89	4.94	5.69	1.56	5.43	2.29	2.54	3.36	2.94	3.60	2.57	5.25	4.22	48.99	50.73	---
178	CHEOAH DAM	G-3	ALCOA	1110	22	6.56	4.82	6.60	5.66	5.20	6.01	5.33	4.76	5.54	4.23	4.34	4.37	5.39	6.09	4.05	5.25	3.45	3.03	4.46	3.11	3.18	2.63	5.96	5.10	60.06	55.06	---
180	SANTEETLAH DAM	G-3	ALCOA	1950	19	11.16	5.59	6.34	5.98	6.78	5.97	5.38	4.61	7.27	3.78	2.88	3.67	5.89	5.50	6.32	5.04	2.87	2.61	3.92	2.72	4.15	3.16	5.71	5.65	68.67	54.28	---
550	SANTEETLAH GAP	G-3	USWB	2650	6	11.22	5.93	7.80	7.90	6.37	6.65	5.17	4.30	8.39	4.77	5.48	4.82	5.55	7.42	3.91	4.54	3.42	4.90	4.31	3.12	#4.20	3.71	#5.80	6.77	#71.62	64.83	---
660	TWENTYMILE	G-3	USDI	1310	2	7.12		6.12		5.27		6.37		#6.00		4.21		2.36		2.41		4.01		4.56		3.32		5.36		#57.11		---
592	FONTANA DAM	C-3	TVA	1300	5	-		6.44		5.23		5.50		6.49		3.84		3.87		STATION DISCONTINUED AUGUST 29, 1946										-----		---
592a	FONTANA POWERHOUSE	G-3	TVA	1312	2	7.29		6.64		4.85		5.13		5.76		4.38		3.41		2.43		2.64		3.79		3.20		4.91		54.43		---
181	PROCTOR	D-3	TVA	1735	12	8.37	6.11	6.11	6.52	5.51	5.92	5.59	4.90	7.01	4.07	6.14	4.22	2.61	7.06	2.80	4.32	2.55	3.02	3.79	2.87	3.30	3.02	5.03	4.97	58.81	57.00	2.0
182	STECOAH	D-3	TVA	2350	12	9.66	6.39	7.69	6.39	5.22	6.00	4.71	5.02	6.43	4.01	3.75	4.24	4.79	6.93	3.76	4.18	2.36	3.20	3.63	2.64	3.05	3.14	4.88	4.87	59.93	57.01	3.0
183	NOLAND CREEK	G-3	TVA	2400	12	9.20	5.72	6.75	6.40	7.01	5.96	5.70	4.75	6.02	4.32	2.95	4.04	5.91	6.50	#3.89	4.89	2.88	2.98	3.70	2.84	3.58	3.22	5.33	5.05	#62.92	56.67	3.5
184	CLINGMAN'S DOME (R)	G-3	TVA	6400	12	#12.87	8.51	#8.72	8.46	8.75	8.05	7.30	6.76	11.14	6.09	3.72	5.52	5.78	9.03	5.58	8.68	4.47	4.47	4.57	4.37	5.40	4.80	6.68	6.89	#84.98	81.63	---
185	BRYSON CITY	G-3	TVA	1860	59	7.83	4.87	6.16	5.21	6.04	5.86	5.38	4.14	6.47	4.19	2.69	4.38	3.59	5.52	3.19	4.77	2.36	3.25	2.99	2.81	2.46	3.13	4.35	4.95	53.51	53.08	---
185a	BRYSON CITY (R)	C-3	TVA	1900	5	8.03		5.87		6.59		5.18		6.54		2.61		3.53		3.60		2.33		2.93		2.09		3.86		53.16		---
525a	ELA (NEAR)	H-3	NP.CO.	1830	6	9.24	5.14	5.96	5.74	4.70	5.49	4.75	3.98	8.90	5.67	2.34	3.68	3.05	6.54	3.43	5.28	2.72	4.16	2.66	2.52	2.11	2.67	5.04	6.20	54.90	57.07	---
542	CHEROKEE	H-3	USDI	2020	9	#9.60		5.06		3.52		3.58		6.07		1.56		2.87		2.74		2.33		2.34		2.13		4.69		#46.49		---
186	SMOKEMONT (NEAR)	H-3	USWB	2480	15	10.86	6.15	7.09	6.42	6.12	6.67	5.46	4.88	5.36	4.52	2.24	3.82	2.58	6.73	4.95	5.58	4.11	2.62	2.71	2.88	2.65	3.46	5.31	5.03	59.44	58.76	2.0
599	BIG COVE (RADIO)	H-3	TVA	2620	5	#10.6		5.9		4.5		4.2		5.1		1.3		3.7		2.6		1.9		2.4		2.0		4.5		#48.7		---
187	SPRUCE MOUNTAIN (R)	H-3	TVA	4800	13	10.17	6.22	6.11	5.79	6.15	6.04	5.84	4.47	6.09	3.77	#4.17	4.01	6.70	7.01	4.04	5.67	3.49	3.47	3.96	3.00	2.87	3.55	4.67	4.53	#64.20	57.53	---
377	JACK COVE	H-3	TVA	2100	9	7.69	4.46	6.69	6.04	5.82	5.61	4.58	3.59	5.14	3.56	1.82	3.50	3.83	6.43	3.59	3.93	2.46	2.62	2.87	1.72	2.04	2.66	4.09	4.20	50.62	48.32	---
249a	BALSAM	H-3	TVA	3330	5	7.70	5.02	6.54	6.83	5.97	6.27	4.40	4.15	5.95	5.62	2.03	2.99	4.94	6.20	4.54	4.70	2.34	4.54	4.63	2.89	2.45	3.18	3.54	5.27	55.03	57.66	2.8
189	CULLOWHEE	H-4	USWB	2100	37	7.01	3.90	5.63	3.20	5.49	5.20	4.32	3.60	4.56	3.60	2.71	4.00	4.82	4.20	2.71	4.00	1.52	3.50	2.76	2.70	2.61	2.20	3.12	4.20	47.26	44.30	0.8
564a	GLENVILLE POWERHOUSE	H-4	NP.CO.	-	6	7.78	5.00	6.21	6.33	8.36	7.02	4.26	4.27	6.00	5.19	2.06	3.05	4.50	5.67	1.52	3.02	2.04	4.17	3.55	2.60	2.64	2.62	3.18	5.32	52.10	54.26	---

(#) Interpolated or partly interpolated. (R) Recorder at present.

MONTHLY AND ANNUAL PRECIPITATION — 1946 — Continued

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	LITTLE TENNESSEE RIVER (CONT'D)																															
504	GLENVILLE DAM	H-4	NP.CO.	3550	6	8.44	5.27	6.38	6.55	9.71	7.74	4.38	4.51	6.33	4.67	4.04	4.38	3.73	6.63	3.40	3.99	3.17	4.43	4.23	2.91	2.85	2.90	3.02	5.92	59.68	59.90	---
626a	CEDAR CREEK	H-4	NP.CO.	-	4	9.41		6.89		10.70		4.18		6.83		2.47		5.92		2.89		3.28		5.47		3.55	DISC.	DEC.	1, 1946	-----		---
509	LAUREL MOUNTAIN (R)	H-4	TVA	4200	6	11.87	6.42	7.81	6.52	12.08	8.46	4.39	5.02	8.57	6.25	2.74	5.66	7.10	8.06	2.59	4.46	4.09	5.94	5.62	3.45	4.65	4.76	3.68	7.12	75.19	72.12	---
544	PARKER GAP (RADIO)	H-4	TVA	3780	6	#8.5		#5.9		9.0		4.9		5.3		#1.3		#4.2		2.0		1.5		3.6		2.6		3.5		#52.3		---
190	HAYWOOD GAP (R)	H-3	TVA	5250	13	8.33	5.67	5.64	5.48	9.85	6.19	5.59	5.02	8.17	4.62	2.76	4.32	4.80	7.52	2.82	7.14	3.69	4.17	6.01	3.42	3.63	3.47	3.24	4.64	64.53	61.66	---
191	OWENS GAP	H-4	TVA	4100	13	9.66	6.91	7.24	6.41	12.60	6.95	4.62	6.17	8.80	4.95	2.04	4.90	5.88	7.95	1.67	7.82	4.54	5.06	3.81	3.53	3.51	4.31	3.95	6.32	68.32	71.28	3.9
193	NANTAHALA	C-4	NP.CO.	2020	13	9.38	5.93	7.88	6.76	5.83	6.40	4.60	5.27	7.31	3.92	5.72	4.14	6.29	6.53	2.11	4.49	3.12	3.19	4.27	2.85	3.31	3.02	4.98	4.41	64.80	56.91	---
594	NANTAHALA DAM	O-4	NP.CO.	2950	6	11.59	6.21	9.36	8.30	7.65	8.18	5.58	5.01	8.47	5.68	4.01	3.38	5.95	7.50	1.99	4.14	2.81	4.67	4.18	2.99	3.99	4.02	5.74	6.50	71.37	67.58	---
625	RAINBOW SPRINGS	O-4	NP.CO.	3196	4	11.59		8.11		12.88		5.87		7.65		3.30		6.68		2.49		5.48		5.60		#3.30		#3.70		#76.65		---
600	WALLACE GAP (RADIO)	G-4	TVA	3700	5	10.7		#7.8		10.1		4.5		6.9		1.6		6.9		1.5		4.0		4.3		3.3		3.6		#65.2		---
194	NEEDMORE	O-3	TVA	1770	12	8.45	5.61	6.30	5.61	7.85	5.57	4.50	4.28	6.66	3.25	3.02	3.34	10.19	6.36	3.13	4.07	2.89	2.90	3.15	2.32	2.77	2.78	4.27	4.36	63.18	50.47	1.5
195	RAVEN MOUNTAIN (R)	H-3	TVA	4500	12	10.76	6.28	7.19	6.13	7.41	5.80	5.22	4.49	6.27	3.84	4.16	4.27	5.96	7.34	2.74	5.32	3.22	3.62	3.24	2.61	3.00	3.25	4.06	4.97	63.23	57.92	---
196	FRANKLIN POWERHOUSE	H-4	NP.CO.	2000	15	7.68	4.52	4.96	4.52	7.50	5.14	4.29	4.00	6.15	2.97	3.30	3.76	4.09	5.67	4.66	4.30	3.15	3.07	3.00	2.67	2.44	2.35	2.93	4.21	54.15	47.18	0.3
198	FRANKLIN	H-4	USWB	2113	-	7.68		5.29		7.62		4.60		6.88		3.36		5.79		3.29		3.47		2.84		2.67		4.06		57.55		---
586	CARTOOGECHAYE CREEK	G-4	TVA	2200	5	8.49	5.02	6.82	7.08	8.92	7.52	5.64	4.41	8.24	4.76	3.04	3.10	6.56	6.53	2.26	3.25	3.81	5.03	3.70	2.57	3.09	2.92	3.60	6.08	64.27	58.27	1.5
197	WAYAH BALD (R)	O-4	TVA	5350	12	11.25	7.35	#7.07	7.23	8.16	7.13	5.84	5.45	6.58	4.45	4.42	4.26	5.66	7.55	1.31	5.59	4.57	4.22	4.00	3.23	4.17	3.96	5.22	5.70	#68.25	66.12	---
199	OTTO	H-4	TVA	2300	12	9.56	5.57	6.02	5.82	10.28	6.25	3.75	4.70	6.25	3.55	2.99	3.89	3.87	6.23	2.34	5.34	4.20	3.99	4.47	2.77	3.14	3.22	3.40	4.61	60.27	55.94	---
200	COWEETA NO. 1 (R)	O-4	USFS	2875	13	8.96	6.66	6.14	6.96	#10.14	7.42	4.35	5.95	9.33	4.33	3.68	4.32	3.56	6.53	1.72	5.43	3.47	4.34	4.25	3.50	4.12	4.55	4.83	6.10	#64.55	66.09	---
200a	COWEETA NO. 3 (R)	O-4	USFS	3380	8	11.03	6.22	7.93	7.51	12.93	9.81	4.77	5.83	11.71	6.71	4.07	3.87	5.93	8.50	2.86	4.67	5.40	7.15	5.40	3.80	5.20	4.76	5.15	8.56	82.38	77.39	---
601	SHOOKVILLE (RADIO)	H-4	TVA	3650	5	7.1		-		9.3		3.3		5.3		3.9		2.8		2.4		DISCONT'D			SEPTEMBER		19,	1946		-----		---
201a	HIGHLANDS	H-4	TVA	3800	5	17.05	8.31	#7.80	8.24	14.18	10.48	5.45	6.24	#8.50	6.67	#4.70	6.54	#7.30	9.96	4.26	5.22	4.44	7.96	6.22	3.94	5.45	5.27	4.34	7.19	#89.69	86.02	---
201	HIGHLANDS (NEAR)	H-4	USWB	3350	61	14.87	6.90	7.83	6.70	11.21	8.40	3.78	6.40	9.88	6.00	4.34	7.40	9.24	8.70	3.36	7.50	4.21	6.80	4.96	6.30	4.81	5.00	4.35	8.80	82.84	84.90	0.6
204	CLAYTON	H-4	USWB	2000	54	14.18	6.13	8.91	6.40	11.71	6.90	4.75	5.75	10.13	4.75	4.69	5.29	6.44	6.96	2.07	6.49	5.51	4.95	4.62	4.34	4.01	4.22	4.31	7.10	81.33	69.28	T
560	CHENOCETAH TOWER	O-5	USFS	1830	8	8.72		5.43		7.12		2.21		-		-		-		-		-		-		3.19		-		-----		---
	FRENCH BROAD RIVER																															
642	SEVIERVILLE	O-3	TVA	900	28	7.20	4.08	5.12	4.00	3.30	4.85	4.22	3.86	5.51	4.54	3.36	4.62	3.70	4.62	2.50	4.12	1.87	3.17	3.78	2.72	2.53	2.78	4.33	4.58	47.42	47.94	---
496	PIGEON FORGE	O-3	TVA	1012	7	5.37	3.21	4.46	4.47	3.50	4.41	4.09	3.09	5.77	3.42	4.77	4.96	5.08	5.83	2.25	4.60	3.64	3.55	3.62	2.43	3.87	2.71	3.50	3.84	49.92	46.52	---
209	GATLINBURG (NEAR)	O-3	USWB	1460	20	5.20	4.32	4.95	4.29	4.34	5.22	5.88	4.13	5.21	4.70	3.66	4.81	3.70	5.69	3.87	5.64	1.88	2.82	4.51	2.95	2.61	2.45	4.29	4.46	50.10	51.48	---
210	MT. LECONTE	G-3	TVA	6350	12	-	-	-	-	-	-	-	-	-	-	3.81	6.30	10.05	11.19	8.09	8.42	3.43	4.81	4.87	4.00	-	-	-	-	-----	-----	---
593	DOUGLAS DAM	O-2	TVA	928	5	6.15		4.68		3.02		4.50		4.26		2.71		2.51		3.14		1.51		3.59		2.15		3.87		42.09		---
211	DANDRIDGE	O-2	TVA	1040	42	6.50	3.97	5.19	4.06	3.45	4.66	3.64	3.70	4.84	4.00	2.64	3.81	1.90	4.86	6.07	4.17	1.89	2.76	3.19	2.71	2.36	2.55	4.28	4.23	45.95	45.48	---
212	WHITE PINE	H-2	TVA	1165	13	6.70	3.67	4.43	4.15	3.12	4.25	2.65	3.27	5.20	2.86	1.00	3.15	7.06	5.26	4.71	4.08	2.06	2.87	2.90	2.45	2.87	2.44	3.10	2.98	45.80	41.43	2.0
213	BULLS GAP	H-2	TVA	1060	13	6.57	4.00	4.41	4.32	3.99	5.05	3.08	3.35	3.95	2.90	1.13	3.43	5.33	5.42	5.28	3.99	1.78	2.73	3.15	2.25	2.69	2.78	3.93	3.87	45.29	44.09	---
214	LICK CREEK (R)	H-2	TVA	1210	12	5.31	3.31	3.75	3.49	2.14	3.58	2.57	2.54	4.06	2.39	1.37	2.43	2.89	5.09	#3.40	3.56	1.37	2.44	2.00	2.42	1.56	2.01	3.43	2.93	#33.85	36.18	---
215	JEAROLDSTOWN	H-2	TVA	1400	13	6.55	3.97	4.46	4.12	2.61	4.69	3.55	3.34	4.46	3.42	2.20	3.36	5.04	5.43	3.58	3.68	2.25	2.97	2.65	2.60	1.93	2.54	4.09	3.44	43.37	43.56	5.3
216	LITTLE CHUCKY	H-2	TVA	1350	13	7.53	3.68	4.40	4.31	3.20	4.57	4.70	3.61	3.59	2.77	1.60	3.40	2.71	5.05	4.85	3.59	2.59	3.03	2.80	2.67	3.40	2.57	3.35	2.90	44.72	42.15	---
661	GREENEVILLE DAM	H-2	TVA	1220	4	4.66		4.05		4.09		3.23		3.60		1.33		1.62		4.84		2.75		2.83		1.64		3.01		37.65		---
475	GREENEVILLE (NEAR) (R)	H-2	U OF T	1380	8	5.27	2.45	3.60	3.67	3.22	4.18	3.70	2.56	3.26	2.72	0.72	2.72	2.49	5.03	6.31	3.44	1.36	3.78	2.59	2.30	1.47	1.75	2.65	3.14	36.64	37.74	---
217	GREENEVILLE (NEAR)	H-2	USWB	1320	13	5.03	3.52	4.06	3.72	3.50	4.60	4.02	3.58	3.78	4.02	0.87	4.41	2.75	3.98	7.51	4.72	1.96	2.55	2.82	2.46	1.67	2.41	3.89	4.21	41.86	44.18	2.5
518	TUSCULUM COLLEGE	H-2	PRIVATE	1460	6	3.47	2.81	3.99	4.05	3.03	4.28	3.43	2.55	3.73	3.17	1.44	3.23	2.77	6.08	5.23	4.06	2.25	4.29	2.74	2.55	2.08	2.35	3.89	3.96	38.05	43.38	---
218	CAMP CREEK BALD (R)	H-2	TVA	4560	12	7.29	4.95	4.58	5.00	5.42	5.75	4.63	4.06	5.24	4.42	2.55	4.98	3.33	7.33	6.13	5.26	3.67	3.93	3.29	3.82	2.26	3.08	3.60	4.45	51.99	57.03	---
219	LIMESTONE	H-2	TVA	1420	13	5.02	3.48	3.51	3.52	2.70	4.26	5.03	3.12	3.49	2.91	2.41	3.34	4.50	5.48	3.71	3.83	2.01	2.90	2.31	2.35	1.64	2.12	3.25	2.76	39.58	40.07	0.5
220	EMBREEVILLE	J-2	TVA	1590	20	4.84	3.19	3.75	3.67	3.54	4.43	5.57	3.30	4.45	4.24	2.45	4.06	5.43	5.91	2.76	4.12	1.41	2.97	2.85	2.96	1.79	2.24	2.98	3.19	41.82	44.28	---
221	ERWIN	J-2	TVA	1720	21	5.68	3.16	3.82	3.82	4.10	4.92	5.33	3.41	4.59	4.45	1.48	4.33	0.04	6.21	4.18	4.41	2.19	3.23	3.23	3.04	1.80	2.31	#2.62	3.29	#45.06	46.58	---
643	LIMESTONE COVE	J-2	TVA	2365	3	4.74		2.65		3.39		4.73		5.20		1.69		6.85		2.58		1.09		3.39		3.10		2.16		41.57		---
659	POPLAR	J-2	TVA	2000	2	4.38		3.93		6.64		4.05		4.39		1.53		7.32		4.95		1.51		3.34		1.61		2.09		45.74		---
223a	FLAT TOP MOUNTAIN	J-2	TVA	2900	12	5.81	4.72	4.48	4.59	5.23	5.06	4.55	3.59	5.62	3.80	2.44	4.53	5.66	7.01	7.03	5.23	2.32	3.60	4.81	2.98	1.96	2.91	2.49	3.56	52.40	51.58	---
224	BEAUTY SPOT (R)	J-2	TVA	4230	13	#6.40	4.04	#4.10	3.94	4.14	4.48	4.24	3.39	5.05	3.66	1.10	4.09	7.76	7.03	3.57	4.62	1.36	3.42	3.73	2.95	1.79	2.67	2.30	3.22	#55.54	47.51	---
226	CANE RIVER	J-3	TVA	2500	13	4.54	3.93	4.09	4.03	4.11	4.55	4.24	3.33	5.07	3.42	1.84	3.21	3.45	4.81	4.83	3.90	1.33	3.21	5.97	2.69	1.78	2.28	2.16	2.59	43.41	41.95	3.6
227	MCKINNEY GAP	J-2	TVA	4500	13	8.05	6.14	7.28	6.09	7.45	6.65	7.04	4.64	6.45	4.07	2.71	4.32	3.72	7.50	6.75	4.52	1.82	3.70	6.19	3.39	2.37	3.35	3.68	4.02	63.51	58.99	12.8
228	COXCOMBE MOUNTAIN (R)	J-3	TVA	4250	12	5.65	3.71	4.20	3.92	5.48	4.67	4.90	3.48	5.89	3.50	1.94	3.31	1.86	5.79	4.39	4.54	1.61	3.16	5.50	3.16	1.54	2.26	1.80	2.95	44.76	44.45	---
229	DAYBOOK	J-2	TVA	2350	13	4.79	3.77	3.56	3.69	4.81	4.38	4.09	3.14	4.66	3.45	1.94	3.29	5.48	5.04	3.90	4.11	1.50	3.38	4.49	2.42	1.94	2.27	1.74	2.61	42.90	41.55	---
231	ROAN HIGH KNOB (R)	J-2	TVA	6100	12	6.04	4.42	3.85	4.12	5.24	4.96	4.00	3.97	7.57	4.83	2.01	4.57	4.95	7.28	3.51	5.01	1.39	3.81	4.85	3.39	2.74	2.96	2.49	3.00	48.64	52.32	---
402	BAKERSVILLE	J-2	TVA	2575	8	3.95	2.52	3.80	3.99	4.33	3.88	3.68	3.13	4.92	3.86	1.45	3.67	5.05	4.77	2.51	4.88	0.61	3.04	2.99	2.38	1.94	1.78	1.63	2.78	36.86	40.68	6.5
232	CELO	J-3	TVA	2800	13	5.84	4.77	4.31	4.21	6.08	5.24	4.04	3.93	4.44	3.78	1.19	3.31	5.00	5.88	3.15	6.23	2.62	3.71	5.09	5.75	1.68	2.66	1.99	3.41	45.43	52.88	---
622	CELO (NEAR)	J-3	USWB	2700	5	7.32		4.93		7.45		3.31		4.46		1.02		4.27		2.25		2.98		5.42		1.71		1.95		47.07		---
233	MT. MITCHELL	J-3	USWB	6684	22	7.40	5.16	3.82	4.25	7.59	6.62	5.71	5.45	6.37	5.56	2.57	4.74	5.55	7.00	3.28	7.71	7.07	6.49	11.68	5.42	3.61	6.09	2.71	4.70	67.36	69.19	25.3
233a	MT. MITCHELL (R)	J-3	TVA	0684	4	-		-		-		5.49		6.59		2.56		4.39		4.14		5.87		8.88		2.52		2.02		-----		---
234	SNOW CREEK	J-2	TVA	2600	13	4.13	3.61	3.77	3.54	5.51	4.31	3.60	3.47	4.90	3.41	1.92	3.76	4.57	5.24	1.57	4.69	1.44	3.30	2.59	2.51	1.02	2.30	1.46	2.97	36.48	43.11	---
623	SPRUCE PINE	J-3	TVA	2620	4	6.15		3.82		5.79		3.14		5.84		0.68		5.43		3.08		1.92		3.73		1.59		1.42		42.59		---
235	LITTLE SWITZERLAND (R)	J-3	TVA	3550	13	8.87	5.51	4.60	3.89	7.72	5.23	3.19	4.27	6.13	4.18	1.60	3.81	4.79	7.23	2.52	7.37	2.55	4.76	3.82	3.84	2.18	3.86	1.62	4.31	49.59	58.26	---
236a	ALTAPASS	J-3	TVA	2600	37	6.41	3.79	4.18	3.28	6.15	4.76	3.44	3.96	4.77	4.15	0.75	3.67	4.66	6.64	2.79	4.83	1.96	4.14	3.48	3.73	1.74	3.09	1.41	4.05	41.74	50.09	---
237	PLUMTREE	J-2	TVA	2900	12	4.82	4.65	3.88	4.43	4.61	4.31	3.92	4.20	5.07	4.20	3.18	3.91	3.29	5.84	2.72	5.11	2.00	3.45	5.01	3.27	2.17	2.84	1.60	3.32	42.27	49.53	2.3
238	SMOKY GAP	J-2	TVA	3650	13	5.46	3.92	3.45	3.80	5.49	4.18	3.70	3.62	5.59	4.76	3.17	4.66	3.58	6.04	2.66	4.98	1.71	3.39	4.17	2.89	2.02	2.97	2.01	2.89	43.01	48.10	6.8
378	CROSSNORE	J-2	USWB	3430	33	5.91	3.85	3.48	4.03	6.18	5.28	3.30	4.29	5.21	4.68	1.90	5.72	3.95	7.00	1.88	5.75	2.82	4.74	6.19	4.95	2.26	3.37	2.46	5.14	45.54	48.80	5.5
241	NEWPORT	H-2	USWB	1080	57	5.45	3.68	4.44	3.91	3.34	4.84	4.02	3.66	4.20	4.25	1.77	4.30	2.46	4.48	3.07	3.94	1.70	2.78	3.17	2.47	1.98	2.47	3.78	4.03	39.38	44.81	1.5
241e	NEWPORT	H-2	TVA	1050	4	3.80		4.35		3.22		3.62		4.19		0.81		2.17		2.66		1.33		3.23		1.49		3.58		34.45		---

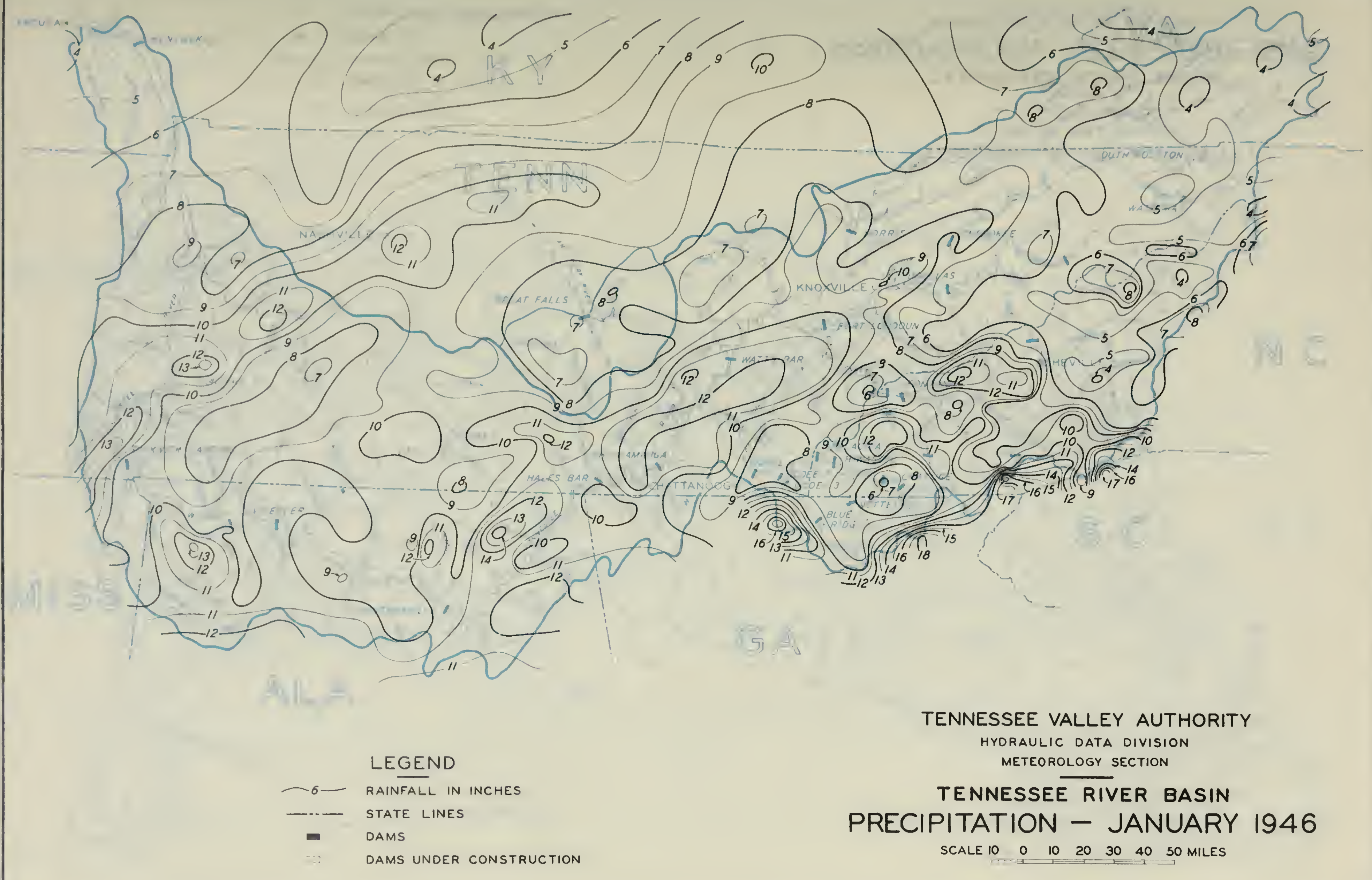
(#) Interpolated or partly interpolated. (R) Recorder at present.

TENNESSEE VALLEY AUTHORITY

MONTHLY AND ANNUAL PRECIPITATION — 1946 — Continued

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	FRENCH BROAD RIVER (CONT'D)																															
538	COSBY NO. 4	H-3	USDI	1720	6	#6.80	4.53	5.09	3.94	4.13	5.55	5.37	3.83	5.16	4.27	3.07	4.43	9.56	7.10	3.21	4.13	1.46	3.74	4.31	3.21	2.19	2.60	3.46	4.56	#53.81	51.89	---
243	HARTFORD	H-3	TVA	1260	13	5.13	3.92	3.78	4.11	4.26	4.58	4.91	3.62	5.27	3.86	4.05	4.39	6.03	6.72	3.15	5.14	1.57	2.72	3.47	2.60	1.66	2.30	2.71	3.62	45.99	47.58	---
244	WATERVILLE POWERHOUSE	H-3	USWB	1410	16	6.07	3.80	5.30	4.09	4.20	4.26	5.25	3.87	5.05	3.69	4.82	4.15	6.16	6.70	2.76	5.32	1.41	3.38	3.19	2.80	1.59	2.09	3.56	3.51	49.36	47.66	2.0
245	MT. STERLING	H-3	TVA	2950	13	6.58	4.82	5.56	4.76	5.44	5.79	6.46	3.50	5.72	4.15	3.45	3.90	8.12	7.48	3.76	5.28	1.48	3.48	3.73	2.79	2.35	2.84	4.17	3.58	56.82	52.37	---
656	CATALOOCHEE	H-3	USDI	2620	4	7.31		5.83		5.59		6.04		3.88		2.75		3.37		2.12		1.51		3.52		2.24		4.23		48.39		---
407	CATALOOCHEE RANCH	H-3	TVA	4800	8	11.60	5.71	5.25	7.01	6.54	7.12	5.33	4.46	7.08	4.39	5.42	4.95	5.96	8.43	3.08	5.13	3.48	3.64	5.00	2.96	3.21	3.45	4.61	5.15	66.56	62.40	---
247b	WAYNESVILLE	H-3	USWB	2675	47	6.72	3.75	5.63	4.04	5.98	5.05	3.36	3.68	7.20	3.98	2.21	4.12	4.38	4.60	2.80	4.21	1.76	3.00	5.67	3.04	1.98	2.25	3.52	4.61	51.21	46.33	1.6
248	EAGLENEST MOUNTAIN	H-3	TVA	3360	13	10.02	6.20	7.43	6.59	7.25	6.47	4.67	4.39	5.40	3.97	2.21	3.65	4.56	6.84	4.17	4.44	1.86	3.37	4.60	2.67	2.79	3.34	4.40	4.51	59.36	56.44	---
671	BETSEY GAP (RADIO)	H-3	TVA	3880	-	STATION ESTABLISHED SEPTEMBER 25, 1946																-		4.0		1.1		2.3		-----		---
250	CHAMBERS MOUNTAIN (R)	H-3	TVA	4300	13	5.32	3.14	4.80	3.03	4.84	3.79	3.00	2.87	3.59	2.32	0.48	2.43	4.36	6.08	2.08	4.44	0.74	2.40	3.67	2.38	1.23	1.88	2.10	2.35	36.21	37.11	---
251	CANTON	H-3	USWB	2600	16	5.07	3.11	5.21	3.50	5.79	3.94	3.69	3.16	4.09	2.90	1.26	3.19	4.97	5.21	1.72	4.72	1.08	2.85	5.23	2.37	1.60	1.98	3.22	3.02	42.93	39.95	1.5
253	DIX CREEK	H-3	TVA	3200	13	6.70	5.07	5.91	5.02	8.05	5.62	4.04	4.11	5.61	3.65	1.73	3.33	4.22	5.88	2.66	5.61	2.98	3.37	5.10	2.87	2.51	2.93	2.57	3.86	52.08	51.32	0.8
254	MT. PISGAH (R)	H-3	TVA	5300	13	6.95	5.23	6.09	4.61	10.89	5.40	4.14	4.63	7.79	4.49	2.28	4.47	8.68	7.59	1.64	7.28	5.70	4.85	7.39	3.90	3.06	3.43	1.82	4.76	66.43	60.64	---
629	BIG EAST FORK PIGEON	R-3	USFS	3410	4	10.35		7.18		12.69		4.05		9.62		2.70		9.59		1.03		7.15		6.70		4.55		3.55		79.16		---
255	WOLF CREEK	H-3	TVA	1200	13	4.61	3.46	4.14	3.48	3.68	4.47	3.84	2.98	4.62	3.40	2.22	3.22	4.33	6.51	4.99	4.13	2.24	3.43	2.78	2.51	1.46	1.97	2.40	2.73	41.31	42.29	---
256	HOT SPRINGS	H-3	USWB	1335	48	4.95	3.00	3.65	2.80	4.37	4.50	4.21	3.70	5.23	3.60	2.85	4.20	4.49	5.10	3.89	5.10	1.00	2.90	2.54	2.80	1.03	1.90	2.24	4.50	40.45	44.10	4.3
256a	HOT SPRINGS AIRWAYS	H-3	USWB	1400	6	5.06	3.00	3.72	2.80	4.33	4.50	4.76	3.70	5.29	3.60	3.09	4.20	3.53	5.10	4.05	5.10	0.98	2.90	2.53	2.80	1.25	1.90	2.66	4.50	41.25	44.10	4.8
257	MAX PATCH MOUNTAIN	H-3	TVA	4020	13	5.11	4.11	5.64	4.47	4.62	4.96	5.76	4.42	6.01	4.26	5.79	4.45	3.66	7.51	3.73	6.26	2.27	3.96	3.94	3.29	1.41	2.64	2.05	3.09	49.99	53.42	---
261	DOGGETT GAP	H-3	TVA	3800	13	5.30	4.28	4.98	4.08	6.94	5.19	5.09	3.78	5.21	3.48	2.79	3.84	4.01	6.48	3.76	5.98	1.70	3.19	3.70	2.71	1.49	2.42	2.97	3.09	47.94	48.52	7.1
259	CODY STORE	J-3	TVA	2450	13	4.94	3.86	4.15	3.62	4.56	4.59	4.61	3.31	7.37	3.81	1.61	4.00	3.68	6.20	5.49	4.29	1.72	3.15	3.10	2.50	1.33	2.12	2.33	2.94	44.89	44.39	---
672	SAMS GAP (RADIO)	J-3	TVA	3780	-	STATION ESTABLISHED OCTOBER 4, 1946																		3.4		0.9		1.8		-----		---
262	MARSHALL	H-3	USWB	1950	49	4.41	2.56	4.27	2.71	4.82	3.94	4.60	3.44	5.61	3.11	1.99	4.25	4.62	4.32	4.12	4.29	0.88	3.03	2.74	2.63	1.20	1.90	2.30	3.11	41.56	39.29	3.5
263	IVY	J-3	TVA	2100	13	4.49	3.46	3.61	3.47	4.59	4.23	5.54	3.22	5.78	3.37	0.86	3.87	4.38	4.46	3.06	3.87	0.86	2.69	2.63	2.18	1.33	2.03	1.66	2.34	38.79	39.19	---
264	BARNARDSVILLE	J-3	TVA	2250	13	6.00	3.50	4.55	3.68	4.31	4.20	4.04	3.14	6.02	3.14	1.69	4.02	3.81	5.37	3.55	4.55	1.12	2.79	3.80	2.57	1.29	2.27	1.74	2.50	41.92	41.73	2.0
666	WEAVERVILLE	J-3	TVA	2160	1	ESTAB. MARCH 30, 1946						3.75		4.46		2.02		4.54		2.22		1.48		3.28		1.04		1.48		-----		---
265	LEICESTER	H-3	TVA	2100	13	5.46	3.24	4.45	3.27	4.46	3.84	3.11	3.28	5.50	3.06	1.04	3.72	3.89	4.77	3.12	4.83	0.76	2.48	3.15	2.17	1.00	1.90	1.70	2.40	37.64	38.56	---
267	ASHEVILLE (R)	J-3	USWB	2192	76	4.40	3.10	4.29	3.15	4.85	3.97	3.09	3.02	3.87	3.43	1.08	3.93	6.49	4.30	1.78	4.16	1.31	3.04	5.69	2.75	1.21	2.23	1.86	3.20	39.92	40.28	4.7
268	BEETREE DAM (R)	J-3	ASHV'LE	2557	23	4.68	3.13	4.11	3.35	6.45	4.22	3.69	3.33	4.15	3.32	0.77	3.30	3.83	5.02	3.03	5.56	2.25	3.85	5.42	3.21	1.63	2.43	1.54	3.49	41.55	44.21	---
269	BEETREE GAP (R)	J-3	ASHV'LE	4900	13	5.59	4.04	3.41	3.98	6.48	4.98	4.25	3.75	4.42	3.60	2.47	4.01	8.45	6.62	2.06	6.38	2.60	3.89	5.63	3.18	2.66	2.62	1.93	3.18	49.95	50.22	---
270	SWANNANOA (NEAR)	J-3	USWB	2230	16	3.61	3.57	3.64	3.51	7.04	4.30	3.59	3.26	3.24	3.06	0.92	3.13	3.25	5.37	2.50	5.58	2.12	3.19	6.81	3.26	1.76	2.28	1.81	3.46	40.29	43.97	---
271a	NORTH FORK NO. 2	J-3	USWB	2520	5	5.81		3.43		7.31		4.11		4.38		1.06		5.75		3.60		2.46		5.25		2.13		1.48		46.77		2.8
271	NORTH FORK (R)	J-3	ASHV'LE	2950	21	6.19	4.21	3.99	4.51	8.05	5.35	4.27	4.47	4.25	4.11	1.52	4.14	6.34	6.30	2.96	6.68	2.33	4.56	6.04	4.18	2.75	3.43	1.84	4.50	50.53	56.44	---
272	MONTREAT	J-3	USWB	2600	30	6.88	3.90	#3.90	4.50	#7.10	5.20	4.18	4.50	4.52	5.00	1.76	5.40	5.15	5.70	3.05	5.10	3.32	5.20	4.51	4.20	4.74	2.60	2.19	4.80	#51.30	56.10	---
273	POINT LOOKOUT	J-3	USWB	2600	15	5.02	4.01	4.76	4.34	7.54	5.01	3.62	4.28	3.51	4.73	0.88	3.73	5.64	8.50	1.68	4.32	2.31	4.70	4.71	4.05	3.05	3.70	1.26	4.06	43.98	55.43	---
274	ENKA	H-3	USWB	2075	16	3.98	3.11	4.72	3.07	6.24	3.64	2.67	3.02	5.42	2.93	1.57	3.30	7.11	5.06	2.32	3.73	2.19	2.47	4.09	2.58	1.06	1.93	2.42	2.94	43.79	37.78	---
266	ROCKYFACE MOUNTAIN	H-3	TVA	3000	13	4.74	3.42	4.32	3.49	6.11	4.05	2.87	3.04	4.51	2.92	2.01	3.14	3.87	4.97	1.81	4.61	1.17	2.97	4.76	2.31	1.01	1.94	1.62	2.47	38.80	39.33	---
275	BENT CREEK (R)	J-3	USFS	2100	14	5.61	4.02	4.73	3.52	5.82	4.26	3.13	3.40	4.95	2.83	0.90	3.99	3.79	5.84	1.57	4.43	1.56	2.82	6.25	2.89	1.57	2.35	1.51	3.04	41.39	43.39	---
276	A & H AIRPORT	J-3	TVA	2080	13	5.87	4.48	5.35	4.09	6.67	4.71	4.26	3.48	4.74	3.61	2.40	3.42	6.77	6.27	4.48	4.80	2.27	3.31	4.76	2.92	3.26	2.67	1.49	3.37	52.32	47.13	---
277	GARREN CREEK	J-3	TVA	2600	12	6.44	5.15	5.72	4.80	8.36	5.57	5.67	4.44	4.95	3.80	3.15	5.46	4.20	6.96	3.21	7.45	1.91	4.57	7.06	4.26	3.47	3.50	1.75	4.34	55.89	60.30	---
278	BLUE RIDGE P.O. (R)	J-3	TVA	2270	13	6.04	4.94	5.42	4.54	6.34	4.96	3.46	3.97	4.62	4.22	4.36	4.07	7.51	6.76	2.24	5.50	3.47	4.83	4.15	3.50	3.93	3.28	1.79	4.18	53.33	54.75	---
279	HENDERSONVILLE	J-3	USWB	2153	52	5.77	4.55	6.22	4.60	7.54	5.31	3.49	4.23	5.77	4.86	3.70	5.54	4.38	6.07	4.68	6.08	3.34	4.75	4.57	4.52	4.30	3.03	2.03	5.88	55.79	59.42	T
280	RUSH MOUNTAIN	J-4	TVA	2900	13	10.96	6.92	7.15	5.84	8.75	6.56	4.29	5.29	6.95	4.62	2.45	4.06	5.35	7.90	5.95	8.31	4.75	4.64	8.02	4.57	5.40	5.10	2.90	6.29	72.92	70.10	---
282	PINK BEDS (R)	H-3	TVA	3300	11	10.99	6.47	6.62	6.57	11.64	6.82	4.30	5.84	8.05	4.93	2.04	4.79	8.87	6.69	2.55	7.55	5.06	4.79	6.45	4.42	4.61	4.15	2.98	6.78	74.16	69.80	---
281	HORSESHOE	J-3	TVA	2140	13	5.92	5.44	5.53	4.81	6.36	4.86	3.12	3.89	5.51	4.25	2.59	4.34	2.73	6.84	1.88	6.00	2.68	3.97	7.07	3.34	3.81	2.98	1.91	3.92	49.11	54.64	---
283	CEDAR MOUNTAIN (R)	H-4	TVA	2750	12	13.67	7.40	8.28	6.78	11.70	7.24	4.18	5.82	8.04	5.38	5.44	5.22	9.19	7.92	7.86	8.95	4.47	5.23	6.83	4.55	7.44	5.30	3.79	7.49	90.89	77.28	---
284	CAESAR'S HEAD	J-4	USWB	3115	23	17.32	6.70	3.75	5.69	11.37	6.66	4.51	5.11	5.82	5.03	3.05	5.15	6.84	7.15	5.86	8.13	4.29	5.78	4.74	5.23	6.64	5.44	4.17	7.34	78.36	73.41	1.7
476	PISGAH FOREST	H-4	USWB	2150	7	8.75	4.65	6.78	5.38	8.25	7.10	4.04	4.14	6.84	5.42	3.61	4.78	4.09	7.36	3.53	6.79	5.17	4.46	5.51	2.62	4.62	3.77	2.57	5.67	63.76	62.14	0.8
285	BREVARD	H-4	USWB	2250	47	9.40	4.50	6.85	4.40	#8.90	5.10	4.21	4.40	6.72	5.20	1.80	5.80	2.99	6.80	2.14	6.60	2.81	4.90	3.56	4.90	4.11	3.20	3.06	5.80	#56.55	61.60	---
286	ROSMAN	H-4	USWB	2200	13	12.42	7.23	8.39	6.82	9.60	6.76	3.91	5.73	7.91	5.20	2.66	4.84	8.27	8.84	3.78	8.22	5.92	4.88	4.53	4.34	6.17	4.90	3.71	6.33	77.27	74.09	---
640	SASSAFRAS MOUNTAIN	H-4	TVA	3548	5	8.06		#8.40		#10.30		4.62		11.19		3.97		8.37		3.06		6.38		6.59		7.55		4.42		#82.91		---
662	GLOUCESTER GAP (R)	H-4	TVA	3200	2	9.68		6.54		10.03		4.69		7.67		3.39		7.32		4.02		5.89		5.15		4.43		2.98		71.79		---
663	QUEBEC (R)	H-4	TVA	2600	2	11.51		7.97		11.25		5.18		8.24		4.63		10.40		1.85		4.40		4.70		4.51		3.03		77.67		---

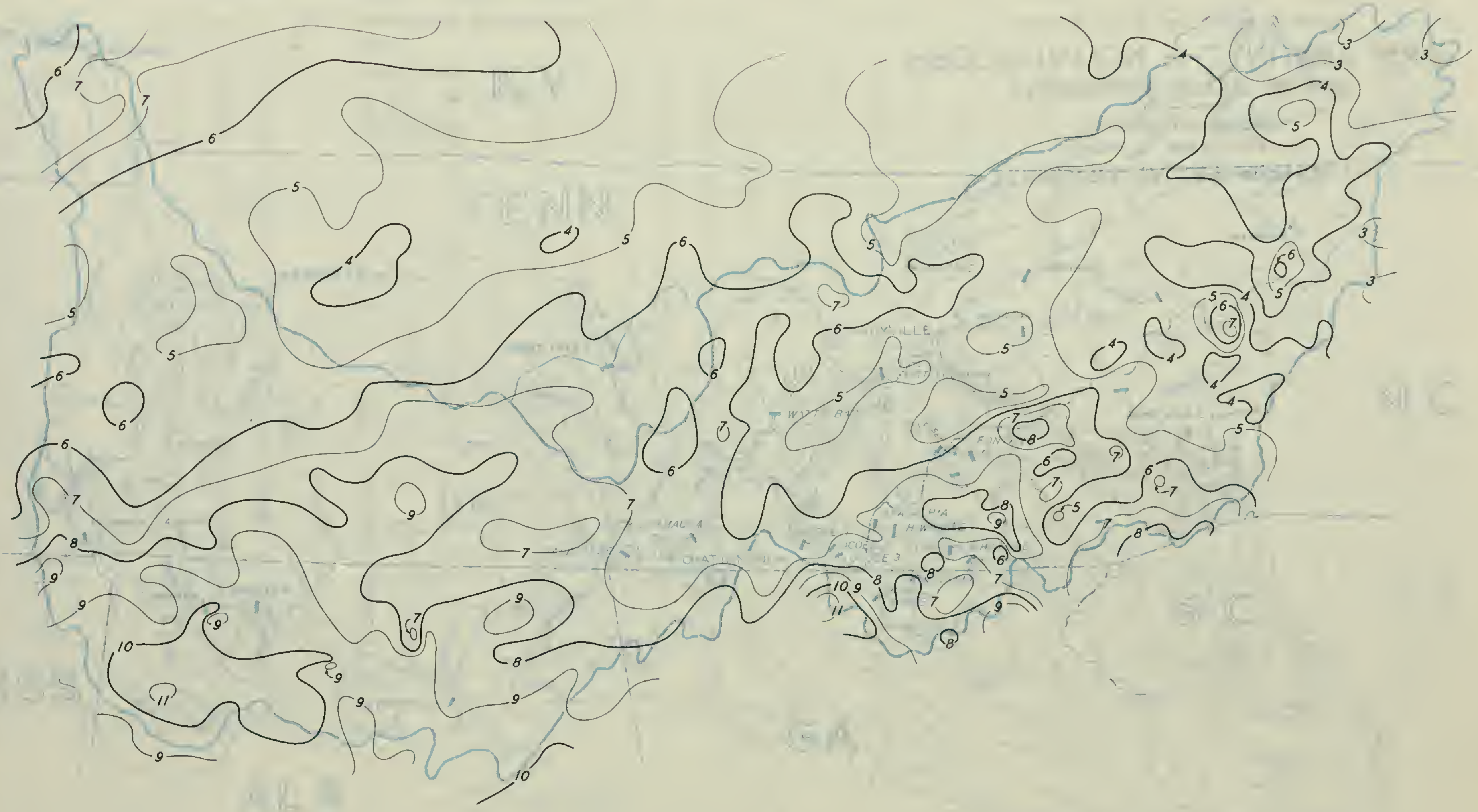
(#) Interpolated or partly interpolated. (R) Recorder at present.



TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN
PRECIPITATION — JANUARY 1946

SCALE 10 0 10 20 30 40 50 MILES



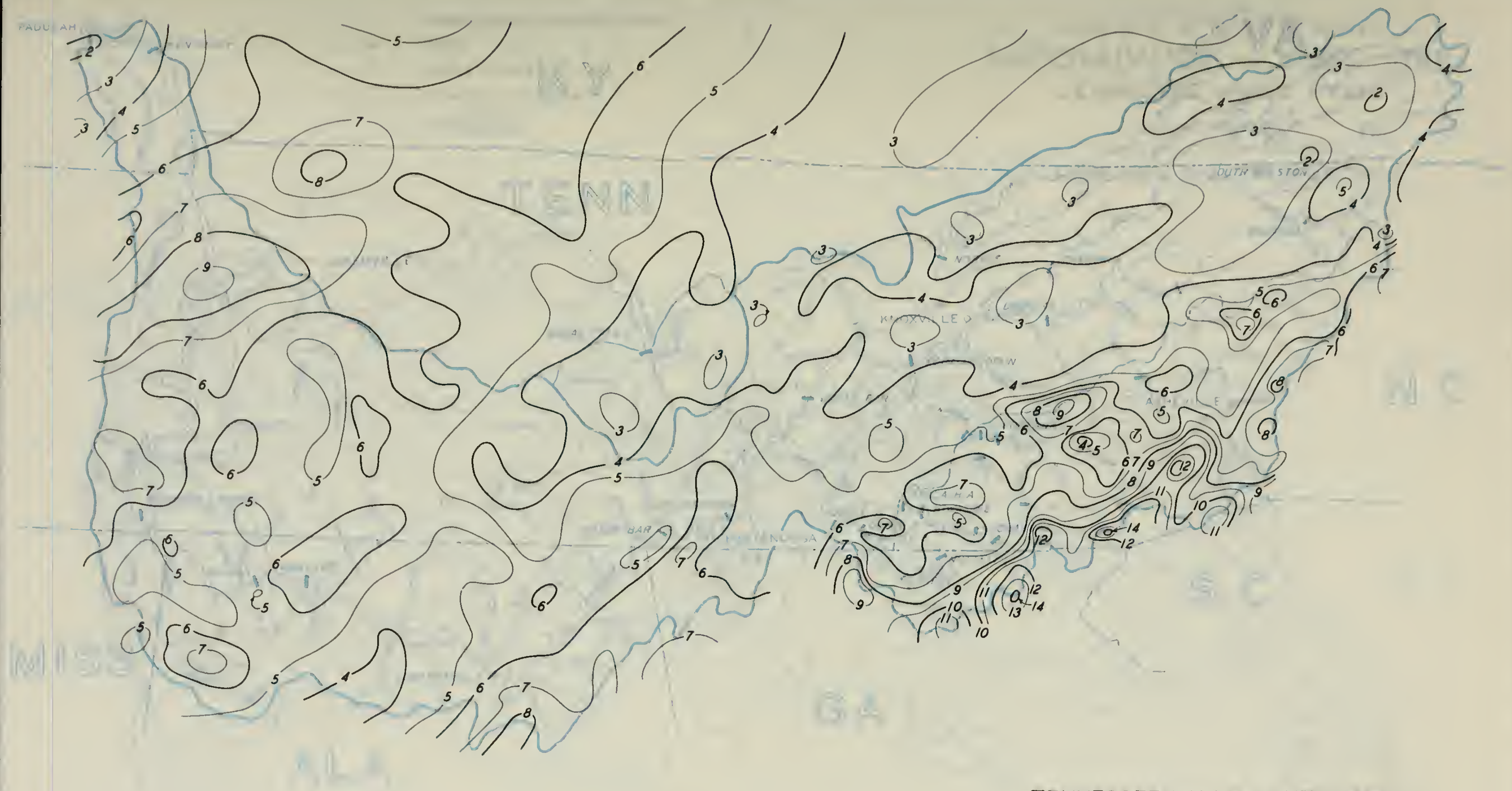
LEGEND

—4— RAINFALL IN INCHES
—·— STATE LINES
▬ DAMS
⬚ DAMS UNDER CONSTRUCTION

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN
PRECIPITATION — FEBRUARY 1946

SCALE 10 0 10 20 30 40 50 MILES



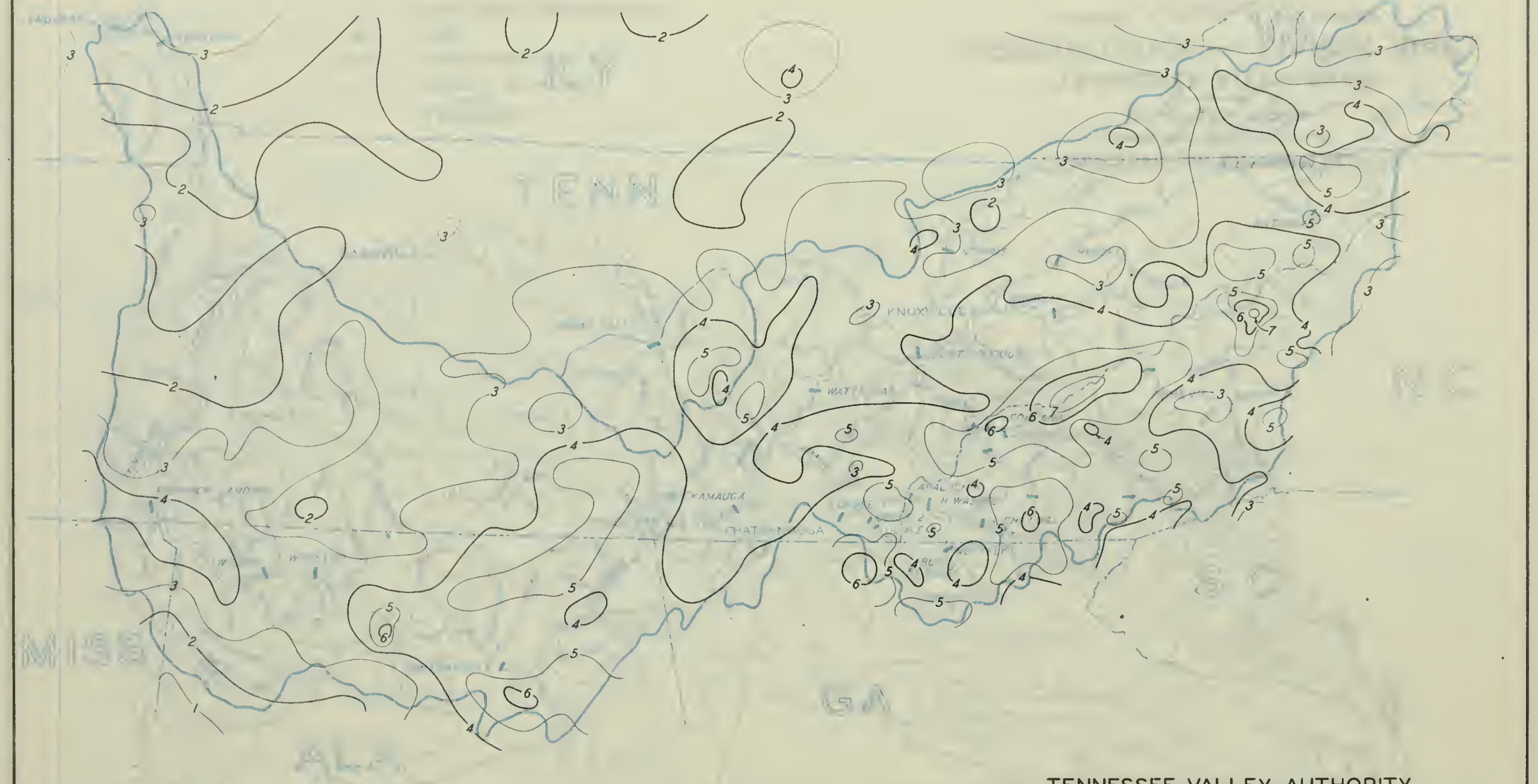
LEGEND

—6— RAINFALL IN INCHES
—·—·— STATE LINES
▬ DAMS
⬚ DAMS UNDER CONSTRUCTION

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN
PRECIPITATION — MARCH 1946

SCALE 10 0 10 20 30 40 50 MILES



TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

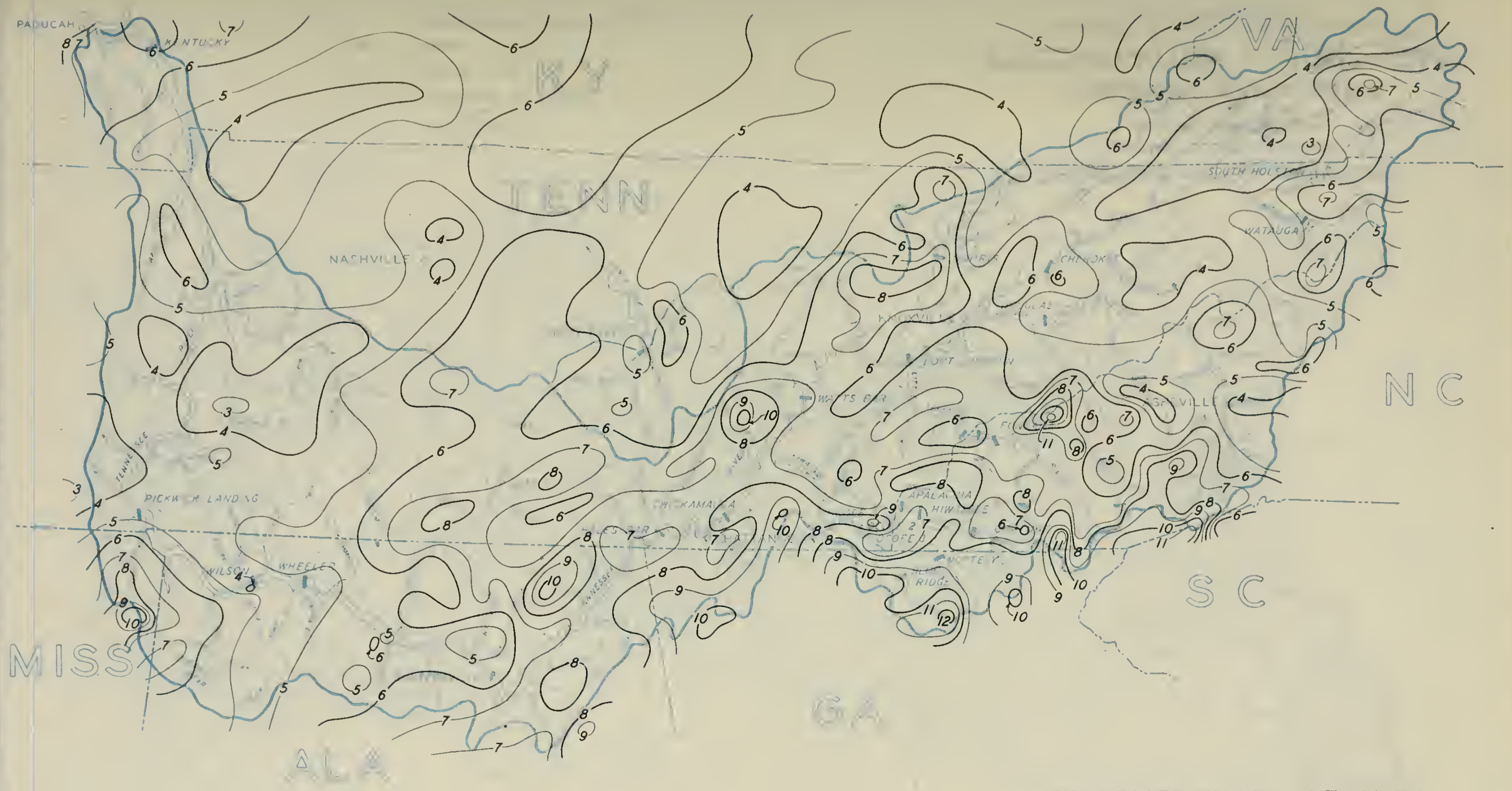
TENNESSEE RIVER BASIN

PRECIPITATION — APRIL 1946

SCALE 10 0 10 20 30 40 50 MILES

LEGEND

—4— RAINFALL IN INCHES
—·—·— STATE LINES
▬ DAMS
⬚ DAMS UNDER CONSTRUCTION



LEGEND

—8— RAINFALL IN INCHES

—·—·— STATE LINES

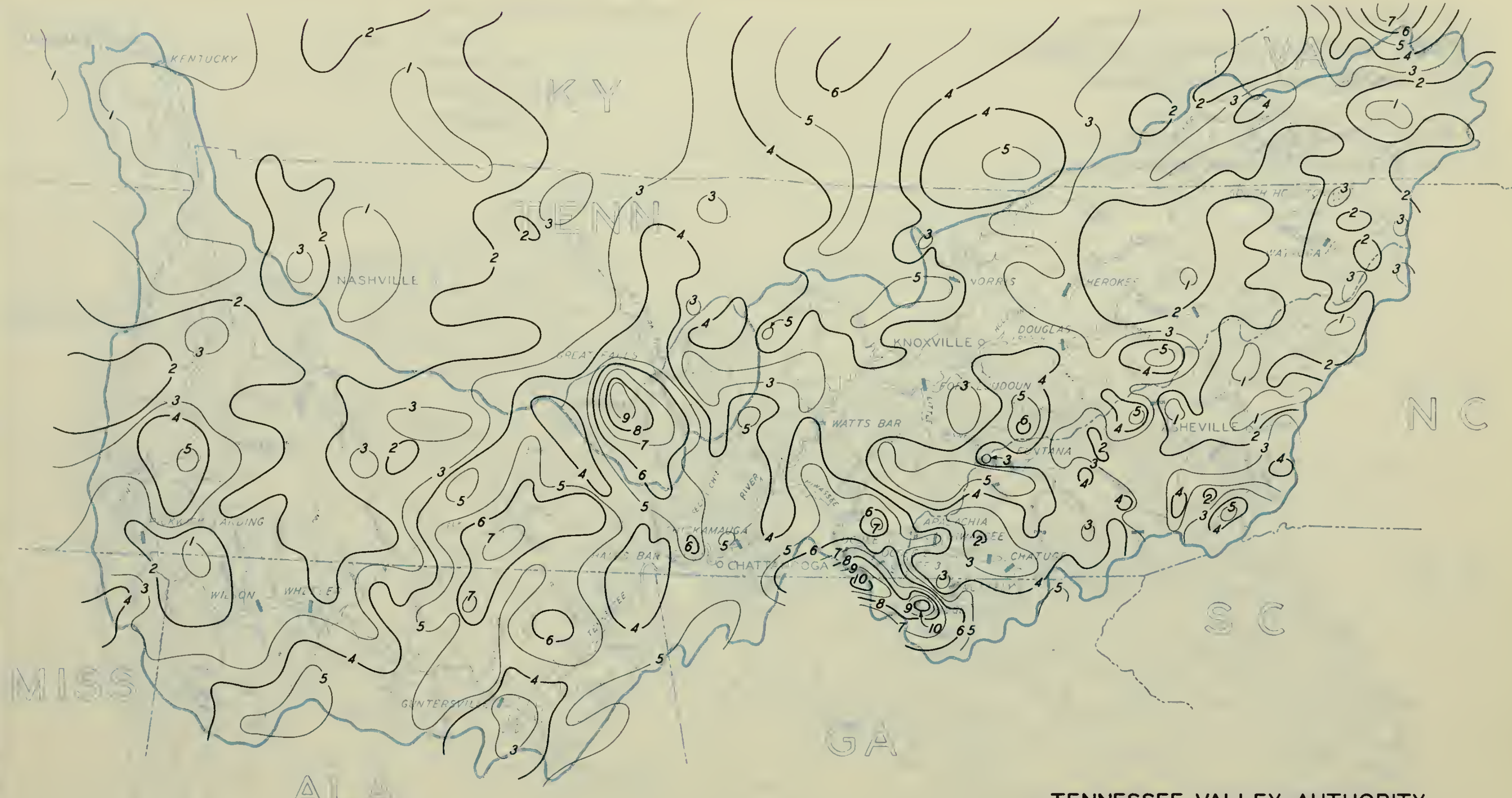
▬ DAMS

⬚ DAMS UNDER CONSTRUCTION

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN
PRECIPITATION — MAY 1946

SCALE 10 0 10 20 30 40 50 MILES



TENNESSEE VALLEY AUTHORITY

HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

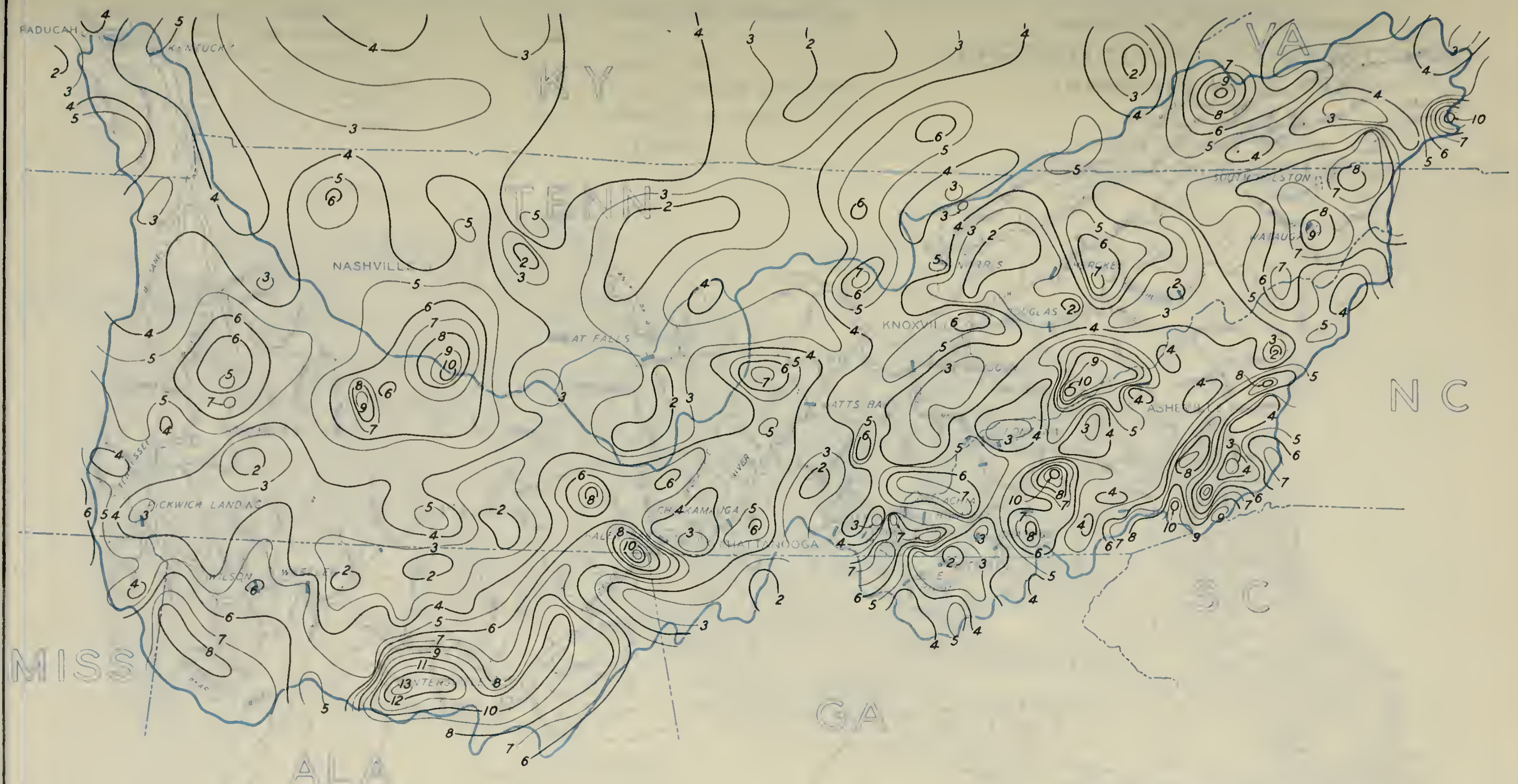
TENNESSEE RIVER BASIN

PRECIPITATION — JUNE 1946

SCALE 10 0 10 20 30 40 50 MILES

LEGEND

—4— RAINFALL IN INCHES
—·—·— STATE LINES
▬ DAMS
▭ DAMS UNDER CONSTRUCTION



LEGEND

—4— RAINFALL IN INCHES

—·—·— STATE LINES

■ DAMS

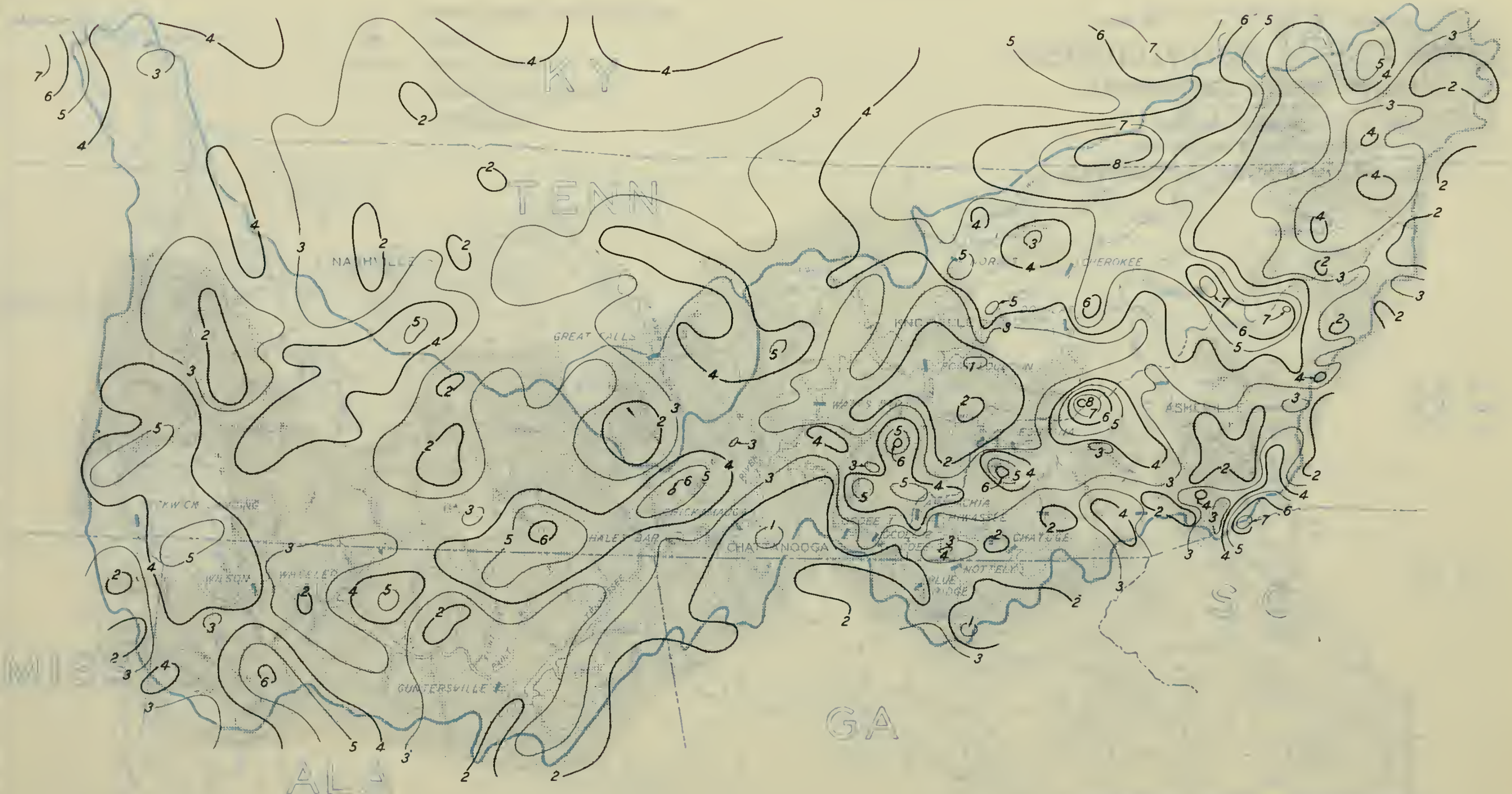
⬚ DAMS UNDER CONSTRUCTION

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN

PRECIPITATION — JULY 1946

SCALE 10 0 10 20 30 40 50 MILES



DROUGHT IS A PERIOD OF 21 OR MORE CONSECUTIVE DAYS DURING WHICH LESS THAN ONE-THIRD OF NORMAL RAINFALL OCCURRED, EXCEPT THAT DURING NO INTERVAL OF 21 CONSECUTIVE DAYS IN THIS PERIOD SHALL THE RAINFALL EXCEED ONE-THIRD OF NORMAL.

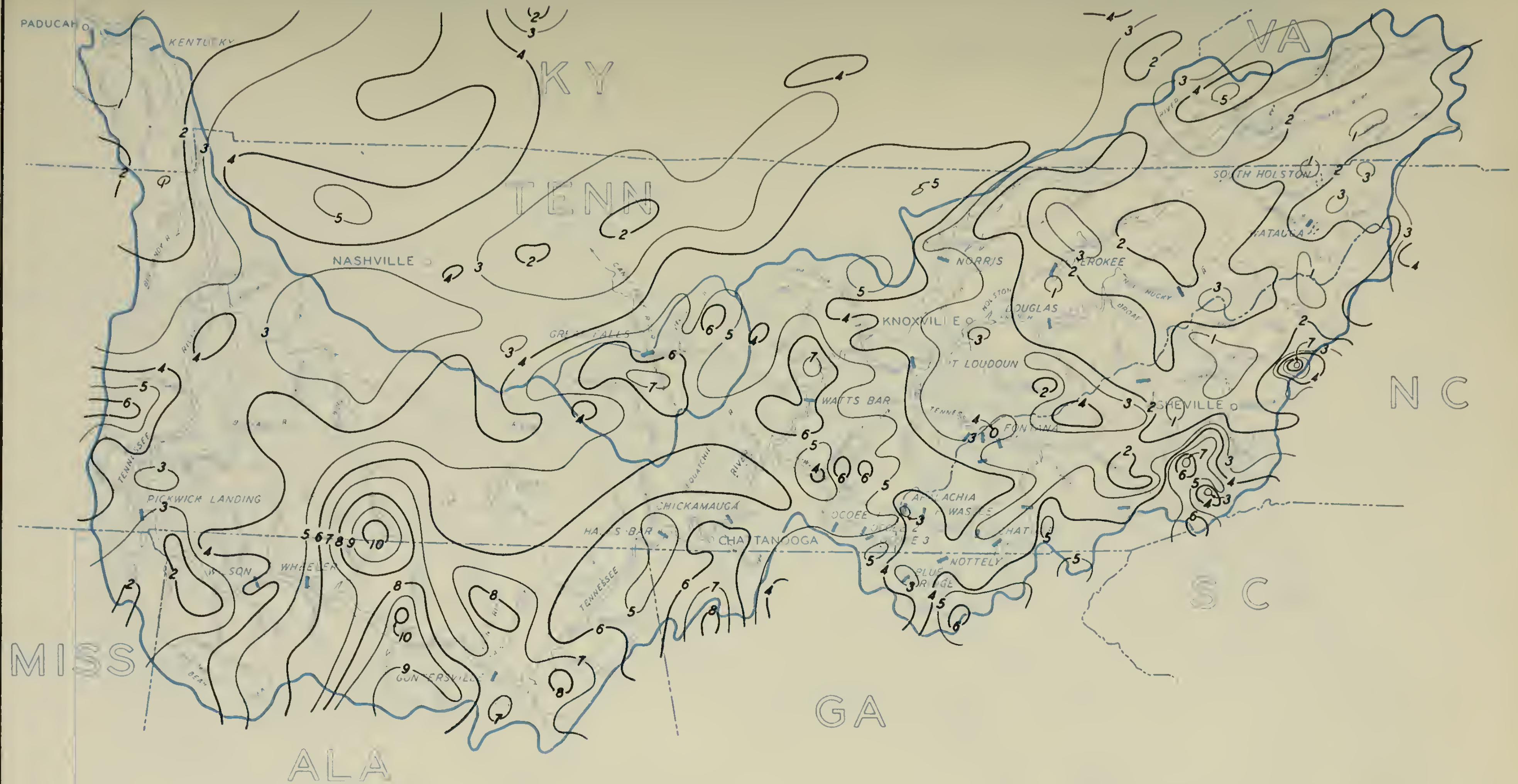
LEGEND

⁀ ⁀	RAINFALL IN INCHES
▒	AREA AFFECTED BY DROUGHT
-·-·-·-	STATE LINES
▬	DAMS
⊏⊐	DAMS UNDER CONSTRUCTION

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN
PRECIPITATION — AUGUST 1946

SCALE 10 0 10 20 30 40 50 MILES

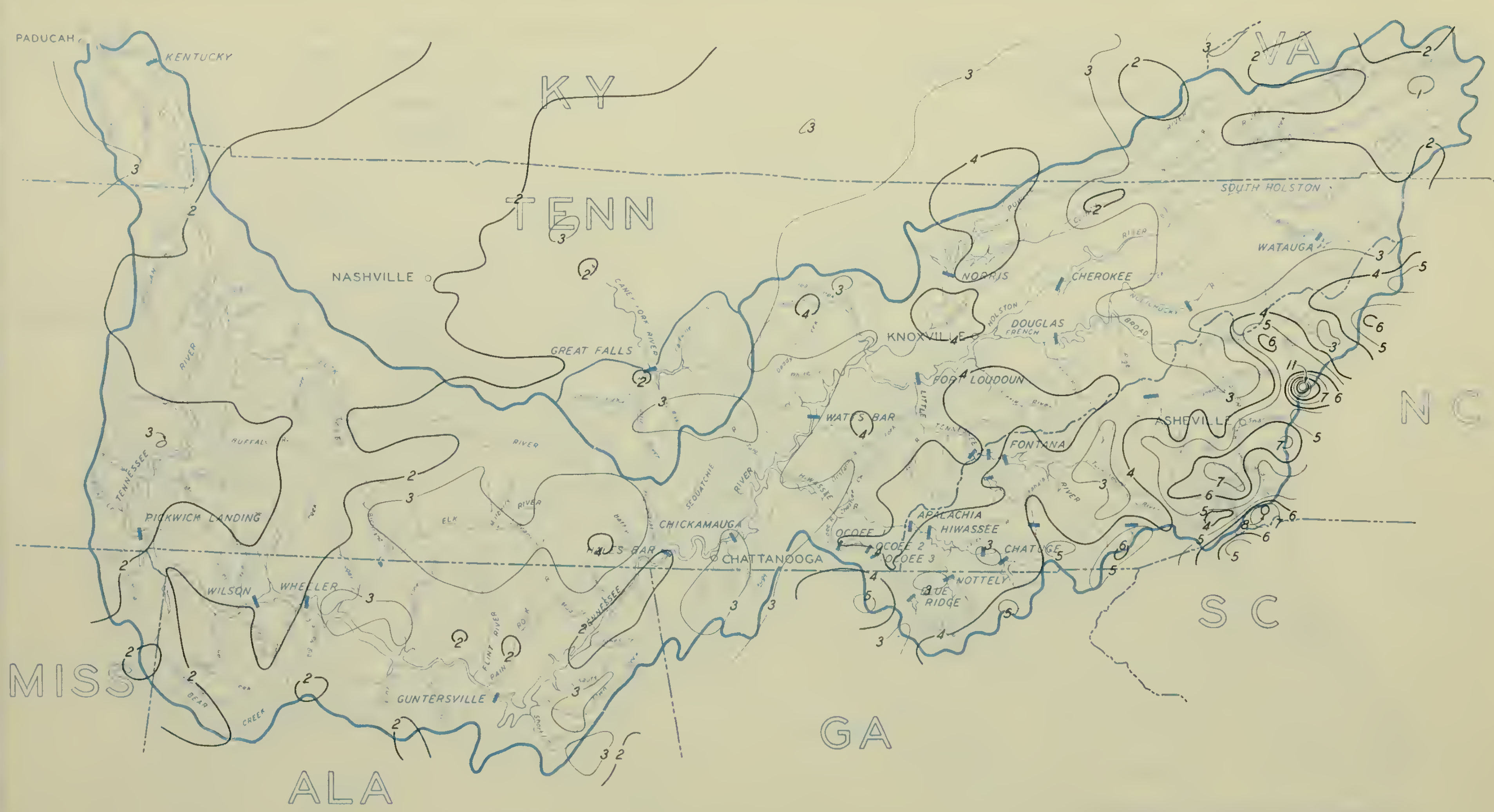


LEGEND

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN
PRECIPITATION — SEPTEMBER 1946

SCALE 10 0 10 20 30 40 50 MILES



LEGEND

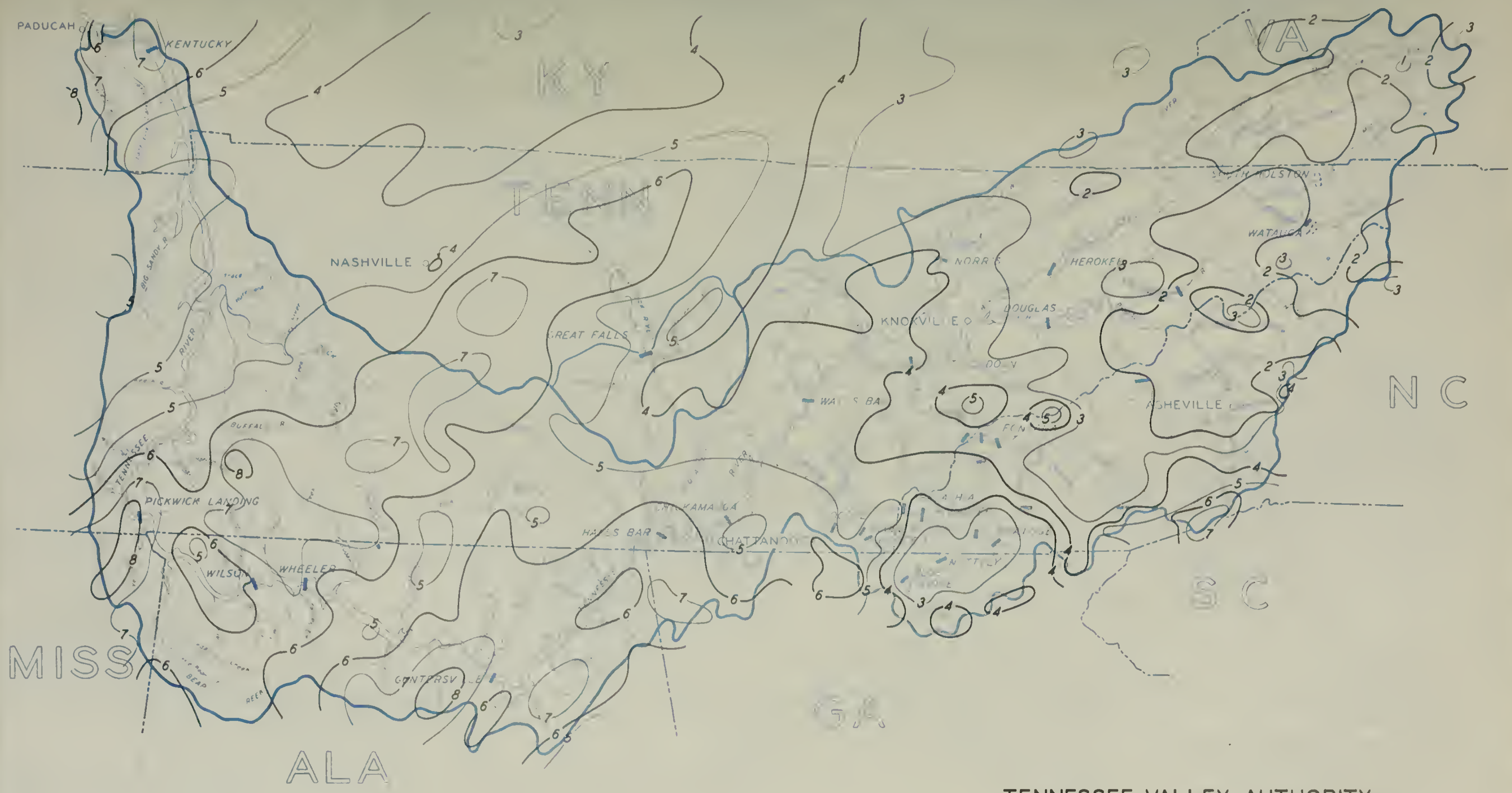
—2—	RAINFALL IN INCHES
—·—·—	STATE LINES
▬	DAMS
⬚	DAMS UNDER CONSTRUCTION

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN

PRECIPITATION — OCTOBER 1946

SCALE 10 0 10 20 30 40 50 MILES



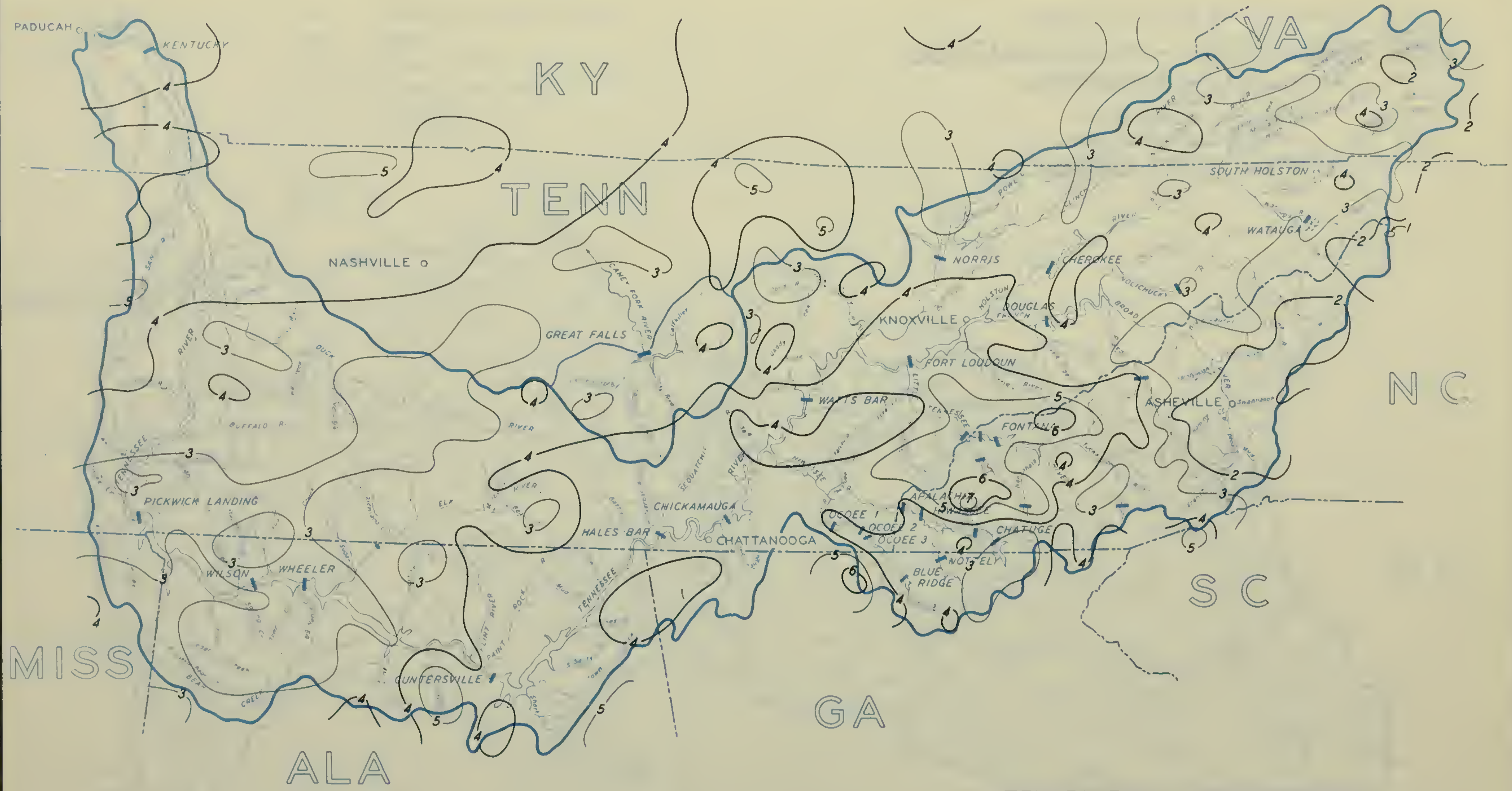
LEGEND

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN

PRECIPITATION – NOVEMBER 1946

SCALE 10 0 10 20 30 40 50 MILES



LEGEND

- —4— RAINFALL IN INCHES
- —·-·— STATE LINES
- ▬ DAMS
- ⊏⊐ DAMS UNDER CONSTRUCTION

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN
PRECIPITATION — DECEMBER 1946

SCALE 10 0 10 20 30 40 50 MILES

551.57
T25pl
1947

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

PRECIPITATION
IN TENNESSEE RIVER BASIN
ANNUAL 1947

PRECIPITATION IN TENNESSEE RIVER BASIN
ANNUAL 1947

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TENNESSEE VALLEY AUTHORITY
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JAMES S. BOWMAN, Chief Water Control Planning Engineer
HYDRAULIC DATA BRANCH
ALBERT S. FRY, Chief of Branch

PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1947

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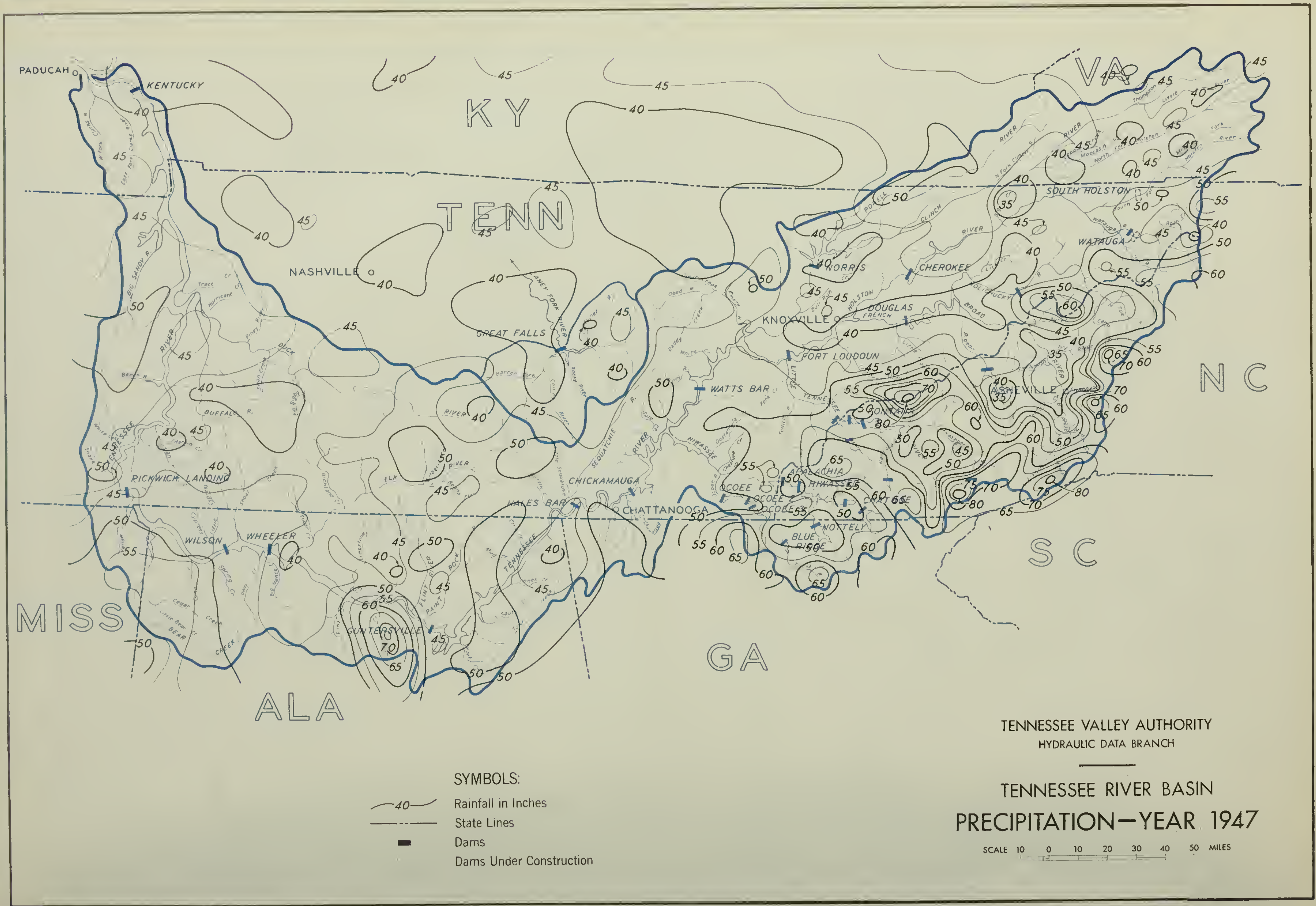


TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION—YEAR 1947

SCALE 10 0 10 20 30 40 50 MILES

SYMBOLS:

—40—	Rainfall in Inches
—·—·—	State Lines
▬	Dams
	Dams Under Construction

551.57
T25p
1947

PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1947

Average precipitation over the Tennessee River Basin during 1947 was 47.27 inches, 4.40 inches below the normal 51.67 inches, and the lowest annual rainfall since 1943. Rainfall in the area above Hales Bar was 47.81 inches, 3.04 inches below the normal 50.85 inches, while the average of 46.62 inches on the area below Hales Bar was 5.95 inches less than the normal 52.57 inches. Monthly precipitation over the Basin was below the normal eight months of the year, exceeding the normal only in January, May, June, and November. As in 1946, the wettest month of the year was January when more than twice the normal rainfall was recorded. February was the month of lowest rainfall although the greatest negative departure from normal occurred in December.

Rainfall totals exceeding 80 inches for the year were recorded at only three stations: at Highlands, North Carolina, in the headwaters of Little Tennessee River, at Cedar Mountain, North Carolina, in the headwaters of French Broad River, and at Clingman's Dome, North Carolina, in the Great Smoky Mountains. The total of 84.00 inches at Highlands was the greatest in the Tennessee Valley for 1947. This station, established by TVA on December 31, 1941, is located just inside the Tennessee Valley, 1.7 miles north of the long-term U. S. Weather Bureau gage of the same name. In the six years of record, the annual catch of the TVA station has ranged from 78.55 inches in 1945 to 100.73 inches in 1942 and has averaged 85.67 inches. Ten rainfall stations reported annual totals ranging between 70 and 80 inches in 1947, and 24 stations recorded amounts between 60 and 70 inches. Of this group of 37 high rainfall stations, all but one were in or closely adjacent to the mountainous southeastern part of the Tennessee Valley, encompassing the headwaters of the Hiwassee, Little Tennessee, and French Broad Rivers. The single exception was the gage at Center Grove, Alabama, southwest of Guntersville Dam, where the 1947 total of 75.89 inches exceeded the 12-year average by 19.6 inches.

The minimum yearly total was 31.86 inches at Weaverville, North Carolina, located in the French Broad River watershed between Asheville and Marshall, North Carolina. This station was established in March 1946, and no direct comparison can be made with previous records. However, at nearby Leicester, which recorded 33.51 inches, the 1947 total rainfall was the lowest since 1941.

The maximum monthly rainfall during the year was 19.50 inches measured at Flat Top, Georgia, in January. The greatest single day's rainfall was 5.82 inches which fell at Cosby No. 4, Tennessee, between 6:30 p.m. and 9:00 p.m. on July 28. The Cosby station is in the Great Smoky Mountain area in the headwaters of Little Pigeon River.

Among watershed subdivisions, the greatest average precipitation was 68.6 inches over the French Broad River above Blantyre, North Carolina, making eight out of eleven years that this watershed has been a maximum for the Valley. The eleven-year average for the area is 68.4 inches. The area tributary to French Broad River from Hartford, Newport, and Bent Creek to Douglas Dam was the minimum for the Valley in 1947 with 40.4 inches. This value was the lowest precipitation on the watershed in the five years since Douglas Dam was completed. The five-year average for the area is 44.8 inches.

Of interest was the wide variation in rainfall in the French Broad River watershed this year. Cedar Mountain, on the headwaters, reported 80.56 inches, while Weaverville, only forty miles north, recorded the lowest rainfall in the Tennessee Valley, 31.86 inches. Also the maximum and minimum watershed subdivision amounts were in the upper and lower reaches of the French Broad River.

Snowfall was important only in February and March 1947. Small amounts were recorded in the mountainous parts of the Basin in January, November, and December. The maximum depth, 89.5 inches, occurred at Burkes Garden, Virginia, in the extreme northeast part of the Basin. All but three inches of this total fell in February and March. Observations made in connection with the snowfall study in the Great Smoky Mountains showed a range in annual snowfall from 14 inches at the lower levels to 79.7 inches at Newfound Gap, elevation 5,000 feet. Snowfall in the Tennessee Valley area west of Chattanooga, based on records at 113 stations, averaged 4.9 inches. The average snowfall east of Chattanooga, based on 197 reporting stations, was 21.3 inches.

A total of twenty special investigations made during 1947 were reported upon in monthly issues of this publication. A list of these reports together with the date of the issue in which they were published will be found on pages 3 and 4. In addition, the text material of the various monthly reports contains general information on heavy snowfall in February and March, high winds in March, damaging frost in May, and drought conditions in August, September, and October.

The table of mean monthly and annual rainfall for the Tennessee River Basin above Chattanooga which was last published in 1943 has been brought up to date and is included in this issue.

SPECIAL STORM INVESTIGATIONS DURING 1947

Storm	Monthly Bulletin Containing Report
Ice Storm of December 31, 1946, and January 1, 1947, in Western District of Tennessee River Basin	February
Ice Storm of December 31, 1946, and January 1, 1947, in Crossville Vicinity	February
Windstorm of January 15, 1947, near Pinson and Garnerstown, Tennessee	January
Tornado of April 11, 1947, near Gravestone, Tennessee	April
Windstorms of April 8 and 11, 1947, in Middle Tennessee and North Alabama	April
Windstorm of May 1, 1947, at Chattanooga, Tennessee	May
Windstorms of May 1, 1947, in Upper East Tennessee	May
Frosts of May 1947 in the French Broad River Area	May
Excessive Rainstorm of June 13-14, 1947, in Vicinity of Mt. Airy, North Carolina	July
Storm of June 28, 1947, in Vicinity of Greeneville, Tennessee	July
Hailstorm of July 7, 1947, near Falkville, Alabama	July
Intense Storm of July 15, 1947, at Columbia, Tennessee	July
Rain and Hailstorm of July 28, 1947, near Cosby, Tennessee	July
Storm of August 4, 1947, at Marion, Virginia	August

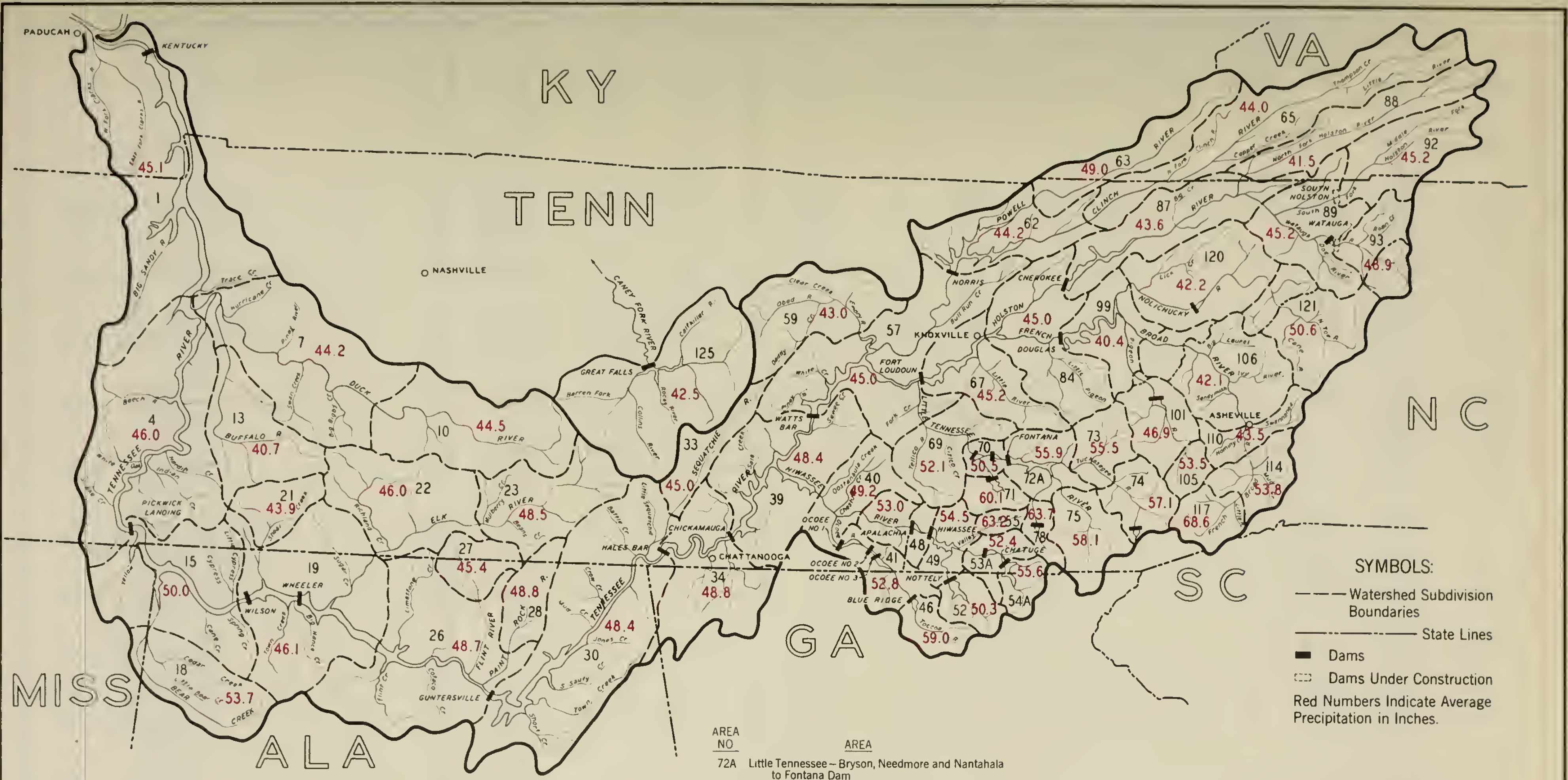
SPECIAL STORM INVESTIGATIONS DURING 1947--Continued

Storm	Monthly Bulletin Containing Report
Hailstorms of August 6, 1947, in the Vicinity of Huntsville, Alabama	August
Intense Rainstorm of August 7, 1947, near Gatlinburg, Tennessee	August
Intense Rainstorm of August 21, 1947, near Sylva, North Carolina	August
Mine Cave-In Swallows North Fork of Holston River near Saltville, Virginia	October
Storm of October 15-17, 1947, in French Broad River Area	October
Windstorm of December 31, 1947, in the Vicinity of Trenton, Tennessee	December

TENNESSEE RIVER BASIN PRECIPITATION DURING 1947

Precipitation in Inches

Month 1947	Above Hales Bar Actual	Below Hales Bar Actual	Tennessee River Basin Actual	Tennessee River Basin Normal	Deviation from Normal Monthly	Deviation from Normal Cumulative
January	10.32	8.89	9.65	4.69	+4.96	+4.96
February	2.27	1.73	2.02	4.34	-2.32	+2.64
March	3.52	3.88	3.69	5.41	-1.72	+0.92
April	2.75	4.99	3.80	4.54	-0.74	+0.18
May	3.55	5.18	4.31	4.29	+0.02	+0.20
June	4.69	4.09	4.41	4.40	+0.01	+0.21
July	3.68	2.90	3.32	4.79	-1.47	-1.26
August	4.86	2.85	3.92	4.44	-0.52	-1.78
September	2.39	1.87	2.15	3.20	-1.05	-2.83
October	3.12	2.36	2.77	3.21	-0.44	-3.27
November	4.34	5.13	4.71	3.32	+1.39	-1.88
December	2.32	2.75	2.52	5.04	-2.52	-4.40
Total	47.81	46.62	47.27	51.67	-	-4.40



AREA NO	AREA
1	Tennessee – Johnsonville to Mouth
4	Tennessee – Pickwick to Johnsonville
7	Duck – Columbia to Mouth
10	Duck – Above Columbia
13	Buffalo – Above Lobelville
15	Tennessee – Florence to Pickwick
18	Bear Creek – Above Bishop
19	Tennessee – Decatur to Florence
21	Shoal Creek – Above Iron City
22	Elk – Fayetteville to Prospect
23	Elk – Above Fayetteville
26	Tennessee – Guntersville to Decatur
27	Flint – Above Chase
28	Paint Rock – Above Woodville
30	Tennessee – Hales Bar to Guntersville
33	Sequatchie – Above Whitwell
34	Tennessee – Chickamauga to Hales Bar
39	Tennessee – Watts Bar to Chickamauga
40	Hiwassee – Reliance and Ocoee No. 1 to Charleston

AREA NO	AREA
41	Ocoee – Blue Ridge to Ocoee No. 1
46	Toccoa – Above Blue Ridge
48	Hiwassee – Hiwassee Dam to Reliance
49	Hiwassee – Murphy, Nottely Dam and Tomotla to Hiwassee Dam
52	Nottely – Above Nottely Dam
53A	Hiwassee – Chatuge Dam to Murphy
54A	Hiwassee – Above Chatuge Dam
55	Valley – Above Tomotla
57	Tennessee and Clinch – Fort Loudoun to Watts Bar and Kingston to Norris Dam
59	Emory – Above Oakdale
62	Clinch – Arthur and Tazewell to Norris
63	Powell – Above Arthur
65	Clinch – Above Tazewell
67	Tennessee – Knoxville to Fort Loudoun
69	Little Tennessee – Calderwood to McGhee
70	Little Tennessee – Fontana and Santeetlah to Calderwood
71	Cheoah – Above Santeetlah

AREA NO	AREA
72A	Little Tennessee – Bryson, Needmore and Nantahala to Fontana Dam
73	Tuckasegee – Dillsboro to Bryson
74	Tuckasegee – Above Dillsboro
75	Little Tennessee – Above Needmore
78	Nantahala – Above Nantahala
84	French Broad and Holston – Douglas and Cherokee to Knoxville
87	Holston – Gate City and Kingsport to Cherokee Dam
88	North Fork of Holston – Above Gate City
89	South Fork of Holston – South Holston Dam and Watauga Dam to Kingsport
92	South Fork of Holston – Above South Holston Dam
93	Watauga – Above Watauga Dam
99	French Broad – Hartford, Newport and Bent Creek to Douglas Dam
101	Pigeon – Canton to Hartford
105	Pigeon – Above Canton
106	French Broad – Asheville to Newport
110	French Broad – Bent Creek to Asheville
114	French Broad – Blantyre to Bent Creek
117	French Broad – Above Blantyre
120	Nolichucky – Embreeville to Above Morristown
121	Nolichucky – Above Embreeville
125	Caney Fork – Above Great Falls Dam

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

AVERAGE PRECIPITATION
ON
WATERSHED SUBDIVISIONS
YEAR 1947

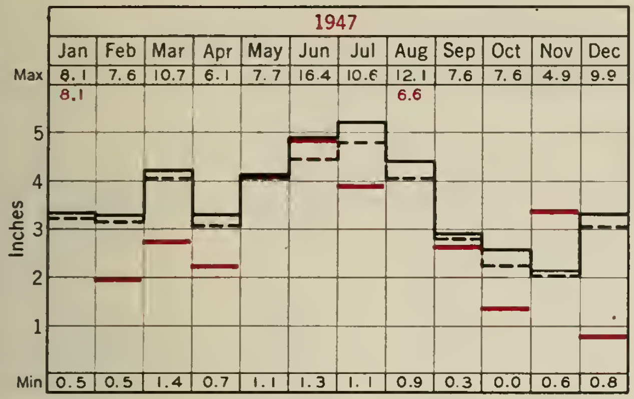
SCALE 10 0 10 20 30 40 50 MILES

AVERAGE PRECIPITATION OVER WATERSHED SUBDIVISIONS
1947 MONTHLY AND ANNUAL

Subdivision		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
		Average Precipitation--Inches												
Entire Tennessee River Basin	1947 Average	9.65	2.02	3.69	3.80	4.31	4.41	3.32	3.92	2.15	2.77	4.71	2.52	47.27
	11 Yr. Average	5.33	5.04	4.95	4.10	3.92	3.97	4.95	4.41	2.97	2.71	3.32	4.07	49.74
Area Above Hales Bar	1947 Average	10.32	2.27	3.52	2.75	3.55	4.69	3.68	4.86	2.39	3.12	4.34	2.32	47.81
	11 Yr. Average	4.96	4.78	4.66	3.76	3.90	4.16	5.68	4.72	3.01	2.61	2.86	3.87	48.97
Area Below Hales Bar	1947 Average	8.89	1.73	3.88	4.99	5.18	4.09	2.90	2.85	1.87	2.36	5.13	2.75	46.62
	11 Yr. Average	5.75	5.34	5.27	4.49	3.93	3.75	4.11	4.07	2.93	2.30	3.85	4.28	50.07
French Broad Above Newport	1947 Average	8.38	1.85	3.32	3.12	2.74	5.90	3.37	4.98	2.35	5.72	5.14	2.04	48.91
	11 Yr. Average	4.46	4.23	4.58	3.51	3.85	4.40	6.08	5.56	3.28	2.98	2.82	3.53	49.28
French Broad Above Douglas Dam	1947 Average	8.74	2.03	3.31	2.57	2.76	5.54	3.40	5.10	2.38	4.54	4.89	1.74	47.00
	11 Yr. Average	4.35	4.19	4.35	3.36	3.66	4.15	5.98	5.07	3.14	2.82	2.72	3.37	47.16
Holston Above Cherokee Dam	1947 Average	8.42	2.00	3.08	2.40	2.88	5.20	3.59	6.27	3.15	2.48	3.70	1.44	44.61
	11 Yr. Average	3.93	3.78	3.64	2.90	3.68	4.06	5.53	4.45	3.02	2.49	2.42	3.03	42.93
Holston and French Broad Above Knoxville	1947 Average	8.76	2.10	3.24	2.46	2.92	5.10	3.60	5.54	2.73	3.46	4.31	1.65	45.87
	11 Yr. Average	4.23	4.10	4.09	3.21	3.69	4.08	5.78	4.78	3.08	2.65	2.60	3.27	45.56
Little Tennessee Above McGhee	1947 Average	13.32	2.92	4.09	3.21	4.46	4.30	3.56	5.47	2.35	4.31	4.77	3.26	56.02
	11 Yr. Average	6.15	5.77	5.80	4.46	4.41	4.37	6.48	5.42	3.25	2.87	3.32	4.68	56.98
Little Tennessee Above Fontana Dam	1947 Average	13.25	2.74	4.18	3.43	4.03	4.54	3.30	5.67	2.15	5.36	5.35	3.41	57.41
	11 Yr. Average	6.29	5.89	5.96	4.48	4.32	4.36	6.70	5.50	3.39	2.97	3.44	4.72	58.02
Clinch Above Norris Dam	1947 Average	9.20	1.83	3.03	2.46	3.01	4.83	4.98	6.67	2.33	1.81	3.09	2.01	45.25
	11 Yr. Average	4.52	4.24	4.08	3.32	3.50	4.33	5.41	4.70	2.77	2.37	2.55	3.24	45.03
Hiwassee Above Charleston	1947 Average	13.09	2.43	4.23	3.44	4.35	5.12	3.37	3.47	2.07	3.72	4.71	3.29	53.29
	11 Yr. Average	5.90	5.69	5.83	4.54	4.25	4.46	5.98	4.87	2.88	2.67	3.17	4.71	54.95
Hiwassee Above Hiwassee Dam	1947 Average	12.67	2.30	4.44	3.66	4.10	5.07	3.72	4.24	1.94	4.14	4.46	3.48	54.22
	11 Yr. Average	5.95	5.78	6.05	4.69	4.29	4.59	6.36	5.13	3.05	2.74	3.13	4.72	56.48

Note: 11 Year Averages Based on 1937-1947 Averages.

MONTHLY PRECIPITATION AT SELECTED STATIONS



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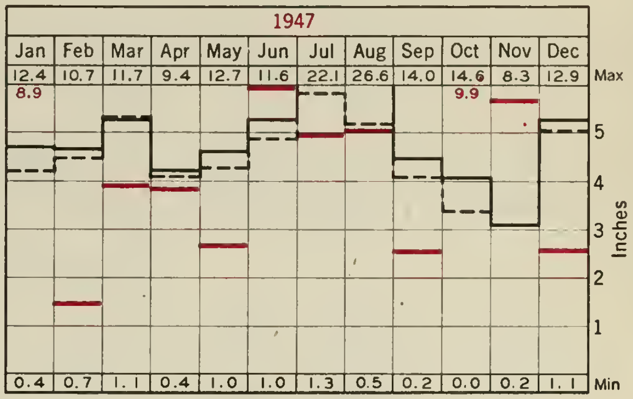
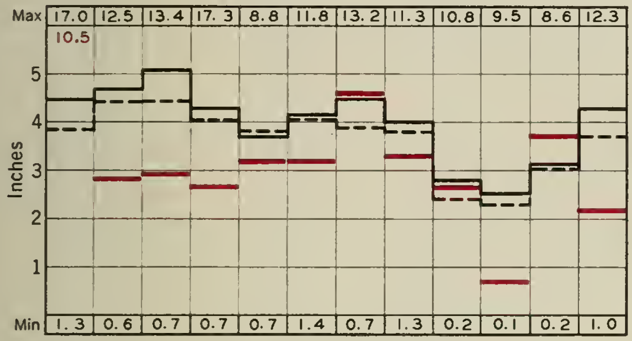


HENDERSONVILLE, N. C.



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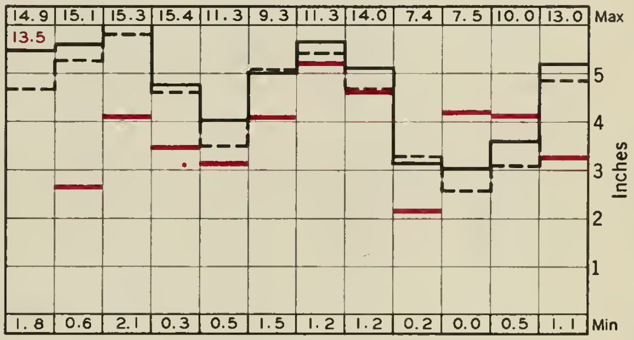

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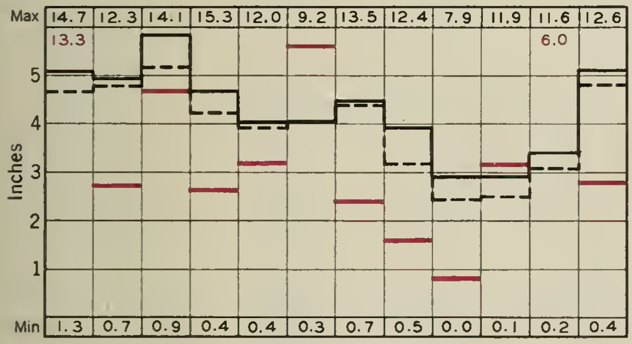

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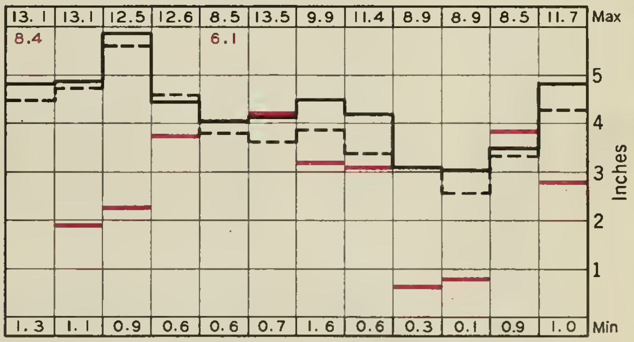

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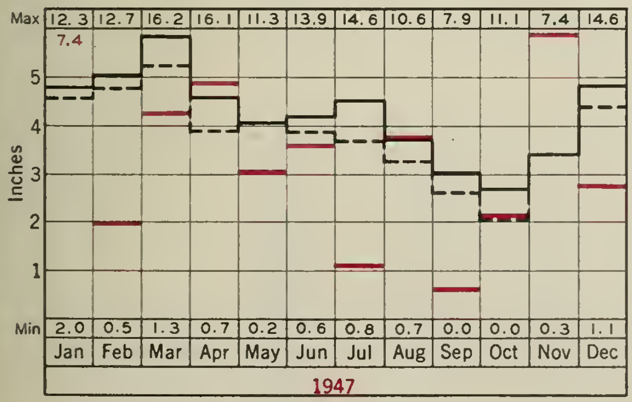

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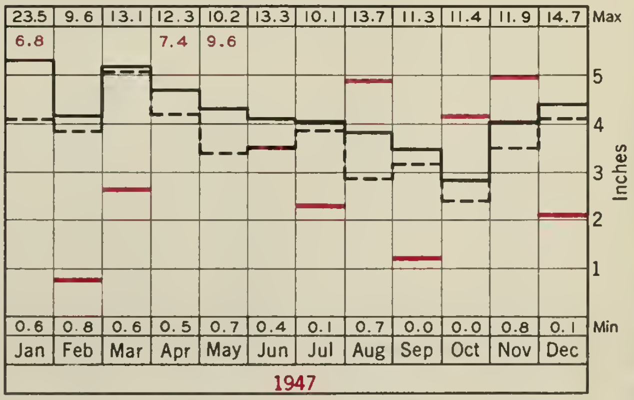


JOHNSONVILLE, TENN.

1947 Record ▬ or 7.3 Mean ▬ Median - - -

EVAPORATION DATA—YEAR 1947

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Evaporation (Inches)	Paris, Tenn. (b)	0.94a	1.34	2.14	4.56	5.59	5.83	7.12	7.24	5.49	3.72	1.63	1.21	46.81
	Murphy, N. C.	0.94	1.45	2.14	4.33	5.20	5.22	5.91	4.99	3.94	2.85	1.47	0.74	39.18
	Beetree Dam, N. C.	1.15	1.11	2.51	4.62	6.01	5.58	5.83	5.13	3.95	2.40	1.78	1.13	41.20
	Jefferson City, Tenn.	1.18	1.35a	2.53	4.51	5.98	6.39	6.21	4.64	4.75	2.69	1.45	0.69	42.37
Precipitation (Inches)	Paris, Tenn. (b)	5.63	0.28	3.01	6.42	6.47	4.45	1.75	4.70	3.48	7.11	3.49	2.05	48.84
	Murphy, N. C.	13.14	2.53	4.10	3.48	3.17	4.11	5.31	4.55	2.15	4.24	4.18	3.28	54.24
	Beetree Dam, N. C.	6.98	1.02	2.84	3.01	2.01	6.28	1.69	7.32	2.37	6.47	4.88	1.76	46.63
	Jefferson City, Tenn.	9.73	1.99	3.59	2.31	3.68	2.53	4.31	5.55	4.17	0.95	3.64	1.72	44.17
Average Air Temperature (Degrees F)	Paris, Tenn. (b)	40	31	40	58	63	74	74	83	67	66	46a	39	57
	Murphy, N. C.	45	32	39	58	61	69	69	74	68	60	45	38	55
	Beetree Dam, N. C.	42	28	35	55	59	65	65	69a	63	56	40	39	51
	Jefferson City, Tenn.	42	30	37	60	63	71	71	74	67	60	44	33	54
Average Water Temperature (Degrees F)	Paris, Tenn. (b)	40a	34a	47a	60	71	78	80	87	76	70	50	43	61
	Murphy, N. C.	48	41a	48	63	70	78	81	83	77	68	51	42	62
	Beetree Dam, N. C.	45	32a	42a	62	67	74	75	79	72	62	47	39	58
	Jefferson City, Tenn.	45	33a	41a	62a	68	77	78	83	76a	66	48	40	60
Average Relative Humidity (Percent)	Paris, Tenn. (b)	78	62	70	74	75	77	71	71	70	73	72	70	72
	Murphy, N. C.	87	77	80	79	82	87	87	90	89	90	88	87	85
	Beetree Dam, N. C.	76	64	66	69	70	73	73	79a	76	82	69	62	72
	Jefferson City, Tenn.	78	57a	55	61a	63	66	67	71	75	80	73	72	68
Average Wind Velocity (Miles per Hour)	Paris, Tenn. (b)	1.37	1.96	2.10	2.00	0.99	0.68	0.53	0.40	0.43	0.45	0.94	0.95	1.07
	Murphy, N. C.	0.73	1.36	1.29	1.46	0.85	0.43	0.19	0.09	0.20	0.40	0.63	0.36	0.67
	Beetree Dam, N. C.	1.34	2.86	2.32	1.67	1.20	0.72	0.48	0.39	0.73	0.84	1.39	1.15	1.26
	Jefferson City, Tenn.	1.20	1.97	1.78	1.16	1.20	0.74	0.54	0.14	0.25	0.29	0.77	0.63	0.89

a = Partly estimated.
b = Station moved from Murray, Kentucky, June 19, 1947.

PRECIPITATION STATISTICS FOR SELECTED STATIONS

Precipitation in Inches

Month	Mean Rainfall	Median Rainfall	Maximum Rainfall Amount	Maximum Rainfall Date	Minimum Rainfall Amount	Minimum Rainfall Date	1947 Rainfall
Elizabethton, Tennessee							
January	3.42	3.32	8.13	1947	0.46	1896	8.13
February	3.31	3.19	7.59	1944	0.48	1906	1.90
March	4.25	4.03	10.72	1899	1.37	1937	2.75
April	3.30	3.10	6.05	1912	0.65	1942	2.25
May	4.18	4.08	7.73	1915	1.08	1941	4.10
June	4.93	4.54	16.38	1872	1.33	1946	4.85
July	5.19	4.72	10.56	1896	1.10	1872	3.89
August	4.46	4.08	12.14	1901	0.89	1896	6.63
September	2.95	2.77	7.61	1928	0.30	1903	2.66
October	2.57	2.29	7.61	1918	0.02	1904	1.40
November	2.18	2.04	4.86	1938	0.61	1931	3.41
December	3.30	3.00	9.87	1872	0.80	1935	0.82
Annual	44.04	44.41	58.91	1928	29.06	1941	42.79
Hendersonville, North Carolina							
January	4.83	4.34	12.40	1906	0.39	1907	8.93
February	4.65	4.36	10.73	1891	0.70	1898	1.36
March	5.26	5.14	11.67	1891	1.10	1937	3.93
April	4.24	4.12	9.38	1920	0.43	1915	3.85
May	4.61	4.26	12.70	1942	0.95	1914	2.70
June	5.30	4.96	11.56	1934	0.96	1911	5.95
July	6.23	5.75	22.09	1916	1.29	1930	4.95
August	6.04	5.15	26.58	1901	0.49	1925	5.04
September	4.49	4.08	14.00	1906	0.22	1919	2.63
October	4.21	3.41	14.59	1918	0.01	1904	9.92
November	3.18	3.10	8.27	1914	0.21	1910	5.70
December	5.25	5.02	12.85	1918	1.13	1928	2.59
Annual	58.29	58.19	92.60	1901	32.55	1925	57.55
Knoxville, Tennessee							
January	4.62	3.92	16.98	1882	1.29	1907	10.54
February	4.71	4.42	12.52	1873	0.56	1898	2.33
March	5.13	4.42	13.35	1917	0.72	1910	3.13
April	4.33	4.00	17.32	1874	0.70	1942	2.69
May	3.78	3.81	8.81	1938	0.71	1941	3.23
June	4.20	4.04	11.83	1928	1.39	1936	3.22
July	4.58	3.96	13.16	1917	0.69	1901	4.60
August	4.03	3.84	11.33	1920	1.25	1896	3.28
September	2.84	2.51	10.78	1944	0.22	1879	2.74
October	2.57	2.38	9.51	1925	0.07	1904	0.74
November	3.20	3.10	8.55	1929	0.17	1890	3.77
December	4.35	3.72	12.34	1901	0.95	1896	2.23
Annual	48.34	47.67	73.87	1875	33.67	1930	42.50

PRECIPITATION STATISTICS FOR SELECTED STATIONS--Continued

Precipitation in Inches

			Maximum Rainfall		Minimum Rainfall		
Month	Mean Rainfall	Median Rainfall	Amount	Date	Amount	Date	1947 Rainfall
			Murphy, North Carolina				
January	5.60	4.75	14.85	1882	1.75	1907	13.54
February	5.59	5.13	15.10	1873	0.56	1906	2.58
March	6.25	5.80	15.34	1917	2.09	1918	4.10
April	4.78	4.61	15.40	1874	0.30	1915	3.48
May	4.06	3.49	11.25	1929	0.46	1941	3.17
June	4.99	5.10	9.31	1884	1.53	1936	4.11
July	5.68	5.40	11.28	1910	1.23	1901	5.31
August	5.14	4.74	13.96	1920	1.18	1918	4.55
September	3.20	3.36	7.43	1906	0.20	1876	2.15
October	3.05	2.70	7.50	1925	T	1904	4.24
November	3.66	3.20	10.03	1929	0.51	1924	4.18
December	5.25	4.81	12.98	1932	1.09	1898	3.28
Annual	57.25	55.81	84.80	1875	40.00	1940	54.69
			Chattanooga, Tennessee				
January	5.21	4.70	14.74	1882	1.33	1907	13.33
February	4.95	4.78	12.30	1939	0.68	1898	2.71
March	5.89	5.21	14.05	1899	0.93	1910	4.68
April	4.73	4.18	15.29	1911	0.44	1942	2.68
May	4.01	3.95	12.00	1929	0.37	1941	3.22
June	4.10	4.10	9.20	1884	0.29	1931	5.65
July	4.47	4.43	13.49	1916	0.67	1902	2.40
August	3.92	3.20	12.36	1920	0.45	1929	1.58
September	2.93	2.50	7.87	1889	0.04	1919	0.86
October	2.96	2.74	11.91	1925	0.08	1938	3.22
November	3.48	3.19	11.60	1929	0.16	1890	6.05
December	5.11	4.82	12.63	1942	0.44	1889	2.87
Annual	51~~15~~.76	51~~15~~.96	72.37	1929	32.68	1904	49.25
			Lewisburg, Tennessee				
January	4.92	4.53	13.14	1937	1.26	1943	8.44
February	4.87	4.65	13.14	1939	1.08	1941	1.99
March	5.84	5.58	12.50	1902	0.94	1910	2.32
April	4.46	4.51	12.60	1912	0.56	1915	3.79
May	4.09	3.88	8.50	1933	0.60	1941	6.09
June	4.17	3.66	13.46	1900	0.72	1899	4.19
July	4.45	3.89	9.85	1941	1.55	1930	3.20
August	4.19	3.38	11.40	1923	0.57	1909	3.06
September	3.06	3.06	8.87	1906	0.32	1927	0.72
October	2.97	2.56	8.88	1919	0.05	1924	0.86
November	3.58	3.37	8.50	1945	0.90	1890	3.92
December	4.79	4.28	11.71	1922	1.01	1928	2.85
Annual	51~~15~~.39	51~~15~~.32	64.40	1937	37.42	1904	41.43

PRECIPITATION STATISTICS FOR SELECTED STATIONS--Continued

Precipitation in Inches

Month	Mean Rainfall	Median Rainfall	Maximum Rainfall		Minimum Rainfall		1947 Rainfall
			Amount	Date	Amount	Date	
Muscle Shoals, Alabama*							
January	4.88	4.61	12.25	1937	1.98	1914	7.45
February	4.99	4.72	12.74	1939	0.54	1941	2.01
March	5.84	5.28	16.15	1897	1.26	1910	4.29
April	4.61	3.99	16.07	1892	0.74	1930	4.94
May	4.06	4.06	11.29	1939	0.16	1941	3.08
June	4.23	3.92	13.87	1900	0.60	1897	3.64
July	4.51	3.76	14.60	1916	0.77	1935	1.06
August	3.95	3.30	10.60	1894	0.70	1899	4.08
September	3.02	2.72	7.87	1890	0.00	1897	0.73
October	2.70	2.08	11.05	1918	0.00	1924	2.09
November	3.50	3.50	7.38	1919	0.27	1890	5.96
December	4.83	4.35	14.59	1926	1.10	1889	2.84
Annual	51 ~~15~~.12	50.40	76.21	1932	30.92	1943	42.17

*Before December 1940 the Muscle Shoals, Alabama, station was at Florence, Alabama.

Johnsonville, Tennessee

January	5.36	4.30	23.51	1937	0.64	1944	6.83
February	4.14	3.75	9.56	1939	0.79	1947	0.79
March	5.18	5.10	13.07	1927	0.59	1910	2.70
April	4.80	4.29	12.29	1892	0.53	1887	7.39
May	4.42	3.46	10.19	1909	0.70	1891	9.58
June	4.15	3.54	13.34	1928	0.37	1930	3.47
July	4.02	3.86	10.12	1892	0.06	1890	2.34
August	3.89	2.92	13.70	1914	0.73	1900	4.87
September	3.46	3.18	11.31	1921	0.00	1897	1.29
October	2.93	2.50	11.44	1919	T	1924	4.25
November	4.08	3.69	11.90	1906	0.80	1910	5.02
December	4.53	3.99	14.66	1926	0.05	1889	2.20
Annual	50.96	49.83	75.80	1919	33.97	1941	50.73

INTENSE RAINFALL--1947

Maximums for Various Time Intervals--Year 1947

Station No.	Station Name	Date of Record	Duration (Hours)	Rainfall (Inches)
	Recording Stations			
101	Sassafras Knob, Tenn.	Sept. 21-22	1	2.41
336	Big Sycamore, Tenn.	June 27-28	2	3.10
336	Big Sycamore, Tenn.	June 27-28	3	3.70
336	Big Sycamore, Tenn.	June 27-28	6	4.43
233a	Mt. Mitchell, N. C.	Oct. 16-17	12	5.14
233a	Mt. Mitchell, N. C.	Oct. 16-17	24	5.50
	Non-Recording Stations			
173	Kittie, Tenn.	Aug. 12	0.5	1.80
271a	North Fork No. 2, N. C.	Aug. 25	1.0	2.30
297	Colesville, Tenn.	Aug. 25	1.5	2.61
538	Cosby No. 4, Tenn.	July 28	2.5	5.82
518	Tusculum College, Tenn.	June 28	3.0	4.86
290	Morristown, Tenn.	June 28	4.5	3.90
458	Cavvia, Tenn.	Aug. 15	5.0	3.10
16	Erin, Tenn.	April 15	7.0	4.58
5a	Mayfield Substation, Ky.	Oct. 26-27	8.0	3.20
233	Mt. Mitchell, N. C.	Oct. 16-17	12.0	5.06
9	Springville, Tenn.	Oct. 26-27	14.0	4.80
338	Rose Hill, Va.	June 27-28	15.0	4.35
464	Leapwood, Tenn.	Oct. 26-27	17.5	4.18
640	Sassafras Mountain, S. C.	Oct. 27-28	20.0	3.70
299	Banner Elk, N. C.	Nov. 2-3	24.0	4.75
361	Paris, Tenn.	Oct. 26-27	*	4.87

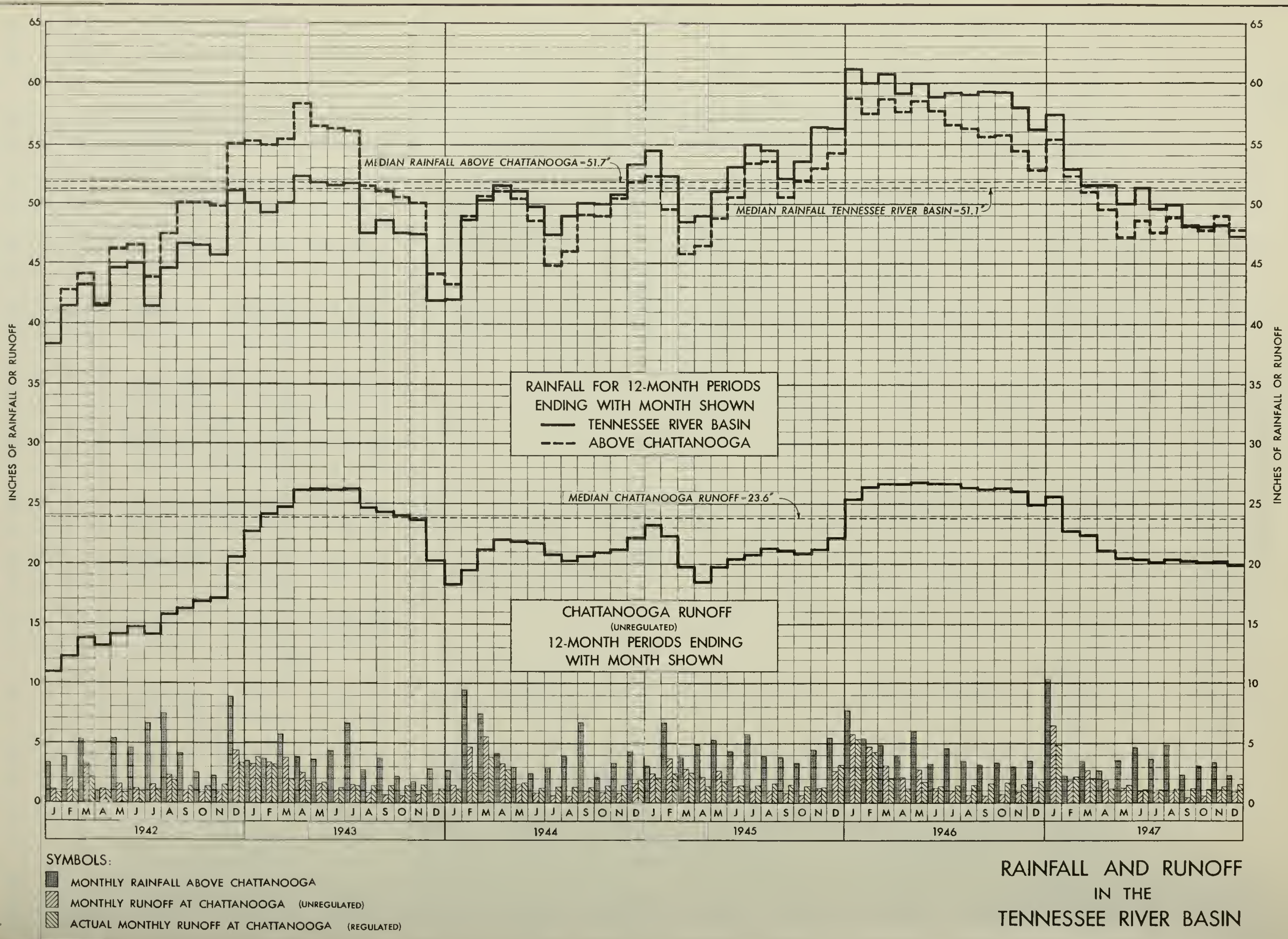
*Occurred in 24 hours or less, exact duration unknown.

ANNUAL STREAM FLOW IN INCHES--1947

	Water Year		Calendar Year	
Tennessee River at	Actual	Mean	Actual	Mean
Knoxville	16.92	19.49	17.95	19.51
Chattanooga	20.34	23.73	19.99	23.71

MEAN RAINFALL
TENNESSEE RIVER BASIN ABOVE CHATTANOOGA

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1890	3.96	8.37	5.47	4.35	5.57	2.90	5.34	5.42	5.57	4.41	0.44	4.33	56.13
1891	5.20	9.69	8.61	2.22	2.53	5.08	4.56	5.21	1.77	0.89	3.82	4.43	54.01
1892	7.04	2.87	3.65	7.34	3.80	6.36	4.92	3.83	2.30	0.41	5.89	3.09	51.50
1893	2.54	7.21	2.80	4.30	6.53	5.04	3.73	3.58	3.72	2.49	2.11	2.67	46.72
1894	3.68	5.97	2.52	2.69	3.81	3.51	4.31	4.20	1.85	2.11	1.01	5.68	41.34
1895	6.96	2.15	5.16	4.21	4.65	3.55	6.10	4.89	1.47	1.90	2.27	3.41	46.72
1896	1.99	4.50	5.54	2.92	3.35	5.32	9.53	2.42	3.71	1.64	6.30	1.06	48.28
1897	2.90	6.50	10.09	5.33	3.77	4.49	6.04	3.50	0.77	2.09	2.06	5.13	52.67
1898	6.17	0.96	4.80	4.02	2.96	3.56	6.81	6.57	5.71	6.13	3.23	2.46	53.38
1899	3.81	7.78	11.04	3.54	4.01	4.05	4.71	3.06	2.64	2.48	1.87	4.10	53.09
1900	3.12	6.13	5.25	4.05	2.09	7.36	4.45	2.75	3.81	3.36	5.02	3.60	50.99
1901	4.54	1.61	5.80	6.33	6.46	5.59	2.90	13.33	3.51	1.46	1.30	9.98	62.81
1902	3.74	5.21	6.02	2.03	2.61	5.75	2.73	2.67	5.14	2.21	3.80	4.13	46.04
1903	2.81	9.24	7.88	6.24	2.87	5.42	4.56	4.14	1.04	2.47	3.63	2.33	52.63
1904	2.89	3.35	6.06	2.70	3.60	3.73	3.72	4.60	1.41	0.17	3.42	4.68	40.33
1905	3.65	5.50	3.27	3.70	5.51	4.94	6.22	6.19	1.58	4.06	1.13	6.19	51.94
1906	5.90	1.30	5.15	2.76	3.33	5.81	8.99	5.78	6.48	3.75	4.36	4.57	58.18
1907	1.42	3.43	4.34	4.33	4.22	5.75	4.58	4.06	6.91	1.67	5.60	4.76	51.07
1908	4.23	4.52	4.48	4.79	3.76	3.24	5.79	5.86	2.00	4.36	1.96	6.31	51.30
1909	3.51	6.39	6.86	4.75	6.44	8.67	6.05	3.81	3.88	2.95	0.94	3.77	58.02
1910	3.93	3.88	1.37	3.59	6.59	5.79	6.51	4.75	3.26	2.15	1.43	4.44	47.69
1911	4.84	3.84	4.51	7.49	1.70	3.32	4.54	4.01	3.08	4.77	4.04	5.17	51.31
1912	3.36	4.01	7.63	7.35	4.32	4.78	5.59	3.73	4.11	1.80	1.90	4.77	53.35
1913	6.57	4.47	7.77	2.40	5.39	3.21	3.49	3.33	4.11	2.65	1.46	3.58	48.43
1914	2.31	3.77	4.25	4.44	1.42	3.14	5.37	5.15	1.99	4.67	2.91	8.16	47.58
1915	5.01	3.99	2.75	1.53	5.13	5.03	4.84	5.37	4.26	4.28	4.11	6.92	53.22
1916	4.97	4.35	2.79	2.45	4.27	5.47	11.07	4.97	2.48	3.02	2.38	3.70	51.92
1917	6.10	4.55	11.40	3.10	2.71	4.44	7.21	4.57	3.95	2.81	0.64	1.71	53.19
1918	6.90	2.66	2.67	5.24	4.15	5.26	4.29	3.18	3.39	8.37	2.31	5.07	53.49
1919	5.66	3.50	4.91	3.33	4.92	4.87	3.81	4.18	1.04	5.64	2.45	4.25	48.56
1920	4.44	3.75	6.61	7.13	2.85	5.46	4.50	9.80	4.34	0.90	3.76	6.06	59.60
1921	3.89	5.17	2.70	4.56	3.69	3.55	6.40	5.46	3.23	2.06	5.21	2.98	48.90
1922	5.45	4.52	8.16	4.96	4.48	4.62	5.53	3.31	1.48	2.48	1.34	7.50	53.83
1923	5.41	4.51	6.18	4.35	6.53	4.78	5.08	4.56	2.76	1.06	2.97	4.66	52.85
1924	5.96	4.02	3.81	5.82	4.88	3.55	5.22	2.85	6.56	0.88	1.28	6.66	51.49
1925	4.90	2.77	2.18	3.17	2.18	3.15	2.80	1.25	1.58	7.08	4.17	2.00	37.23
1926	4.83	3.55	4.09	2.82	2.82	4.18	4.66	6.09	2.61	3.06	5.11	8.75	52.57
1927	2.26	5.16	4.51	4.24	4.40	4.97	4.97	4.84	1.46	2.40	3.94	7.39	50.54
1928	2.46	2.02	5.33	5.40	5.55	7.95	4.71	6.65	5.75	4.41	2.56	1.53	54.32
1929	4.37	5.44	7.71	4.15	7.95	5.49	5.07	1.83	6.42	3.63	6.96	2.65	61.67
1930	2.42	2.69	4.22	1.93	4.73	2.42	2.69	3.17	4.30	2.05	3.67	3.03	37.32
1931	2.02	2.87	3.33	5.24	3.96	2.05	6.20	4.76	1.89	1.59	1.81	8.57	44.29
1932	5.83	5.72	5.01	3.83	3.43	5.17	3.96	3.74	2.96	6.52	3.89	8.93	58.99
1933	3.08	5.96	3.86	3.65	6.15	2.24	5.40	5.45	2.48	1.31	1.59	3.22	44.39
1934	3.38	3.51	8.19	3.41	3.04	5.09	5.41	6.55	3.30	3.79	3.82	2.53	52.02
1935	4.30	3.87	6.95	4.99	4.38	3.53	4.86	4.15	1.47	2.40	5.76	2.12	48.78
1936	8.74	4.70	6.57	6.04	1.30	1.73	6.29	4.47	4.56	4.36	1.74	6.52	57.02
1937	10.31	4.77	2.08	4.29	3.49	3.80	4.70	6.09	2.44	6.15	1.26	3.27	52.65
1938	4.25	2.28	5.56	5.24	6.37	5.25	8.02	4.15	2.88	0.33	4.62	2.58	51.53
1939	4.68	8.91	4.40	3.77	2.64	4.27	5.03	3.86	1.49	1.02	1.22	2.94	44.23
1940	2.17	4.44	4.61	4.05	2.88	4.83	5.18	7.85	0.90	2.14	2.56	3.15	44.76
1941	2.49	1.02	4.02	3.41	0.80	4.24	9.34	3.80	1.46	2.52	2.57	3.52	39.19
1942	3.42	3.86	5.29	0.95	5.39	4.47	6.70	7.47	4.09	2.53	2.24	8.85	55.26
1943	3.53	3.59	5.80	3.79	3.59	4.27	6.66	2.64	3.60	2.13	1.79	2.81	44.20
1944	2.63	9.38	7.41	4.21	3.00	2.42	2.84	3.81	6.77	2.04	3.27	4.20	51.98
1945	3.04	6.64	3.72	4.92	5.19	4.25	5.69	3.83	3.83	3.32	4.43	5.38	54.24
1946	7.71	5.39	4.87	4.00	6.02	3.27	4.67	3.52	3.23	3.39	3.13	3.60	52.80
1947	10.32	2.27	3.52	2.75	3.55	4.69	3.68	4.86	2.39	3.12	4.34	2.32	47.81
Mean	4.45	4.56	5.27	4.15	4.10	4.50	5.33	4.65	3.23	2.93	3.01	4.52	50.70
Median	4.10	4.40	4.96	4.10	3.88	4.56	5.05	4.19	3.16	2.48	2.74	4.16	51.72



RAINFALL AND RUNOFF
IN THE
TENNESSEE RIVER BASIN

MONTHLY AND ANNUAL RAINFALL AND RUNOFF

TENNESSEE RIVER ABOVE CHATTANOOGA, TENNESSEE

Drainage Area - 21,400 Square Miles

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL
						Inches of Rainfall 1890 - 1947							
1947	10.32	2.27	3.52	2.75	3.55	4.69	3.68	4.86	2.39	3.12	4.34	2.32	47.81
Maximum	10.32	9.69	11.40	7.49	7.95	8.67	11.07	13.33	6.91	8.37	6.96	9.98	62.81
Minimum	1.42	0.96	1.37	0.95	0.80	1.73	2.69	1.25	0.77	0.17	0.44	1.06	37.23
Mean	4.45	4.56	5.27	4.15	4.10	4.50	5.33	4.65	3.23	2.93	3.01	4.52	50.70
Median	4.10	4.40	4.96	4.10	3.88	4.56	5.05	4.19	3.16	2.48	2.74	4.16	51.72
						Runoff in Inches 1874 - 1947 (Unregulated)							
1947	6.45	1.92	2.77	1.97	1.23	0.94	0.83	0.89	0.42	0.58	1.05	0.94	19.99
Maximum	9.42	7.45	9.62	7.11	5.28	3.75	3.90	4.28	2.69	3.17	3.77	5.11	36.54
Minimum	0.50	0.62	1.30	1.01	0.61	0.50	0.45	0.26	0.21	0.30	0.30	0.41	11.22
Mean	3.07	3.19	3.77	3.00	2.04	1.48	1.37	1.20	0.88	0.82	1.08	1.88	23.78
Median	2.82	3.06	3.25	2.68	1.84	1.28	1.15	1.00	0.72	0.72	0.86	1.64	23.64
						Runoff in Cubic Feet Per Second 1874 - 1947 (Unregulated)							
1947	119,800	39,500	51,500	37,700	22,900	18,100	15,400	16,600	8,000	10,800	20,100	17,500	31,500
Maximum	174,800	147,800	178,500	136,400	98,000	72,000	72,300	79,400	51,500	58,900	72,400	94,800	57,600
Minimum	9,200	12,700	24,100	19,400	11,300	9,600	8,300	4,760	3,990	5,510	5,800	7,700	17,690
Mean	57,000	65,000	70,000	57,500	37,900	28,400	25,400	22,300	16,900	15,200	20,700	34,900	37,500
Median	52,300	62,400	60,300	51,400	34,200	24,600	21,300	18,600	13,800	13,400	16,500	30,400	37,200

ERRATA

The monthly normals for the North Carolina and South Carolina stations listed below were recomputed by the respective U. S. Weather Bureau offices after the end of the year. The normals shown in this issue supersede any listed in the monthly issues during the year 1947. The rainfall stations concerned are as follows:

Station Number	Name
198	Franklin, North Carolina
233	Mount Mitchell, North Carolina
244	Waterville Powerhouse, North Carolina
251	Canton, North Carolina
303	Boone, North Carolina
284	Caesars Head, South Carolina

Certain changes have been found necessary in averages and normals for some other stations carried in this publication. In general, these changes are covered by errata published from time to time in the monthly issues. Wherever questions arise regarding averages and normals for 1947, those published in this issue should be taken as correct.

Following are corrections to be made to rainfall amounts in annual copies of this publication.

Station No.	Name	Period	Item	Published Amount	Correct Amount
		1937 Annual			
266	Rockyface Mtn., N. C.	November	Total	0.86	0.65
		Annual	Total	42.56	42.35
326	Well Spring	December	Total	2.54	2.99
		1939 Annual			
236	Altapass, N. C.	April	Total	3.71	3.79
		1940 Annual			
271	North Fork, N. C.	July	Total	6.08	5.99
		Annual	Total	65.93	65.84
		1941 Annual			
344	High Knob, Va.	August	Total	5.90	5.94
		Annual	Total	37.22	37.26

ERRATA--Continued

Station No.	Name	Period	Item	Published Amount	Correct Amount
		1942 Annual			
408	Sugar Grove, Va.	March	Total	2.46	2.94
		Annual	Total	45.59	46.07
		1943 Annual			
272	Montreat, N. C.	January	Total	3.20	5.50
		Annual	Total	47.98	50.28
65a	Huntsville, Ala.	March	Total	8.49	8.47
		Annual	Total	42.23	42.21
625	Rainbow Springs, N. C.	April	Total	5.27	5.06
		May	Total	5.29	5.50
626	Norton, N. C.	April	Total	4.90	4.83
		May	Total	4.12	4.19
376a	Tri-City Airport, Tenn.	August	Total	2.77	3.23
		October	Total	1.59	1.77
		Annual	Total	36.68	37.32
21a	Dickson, Tenn.	October	Total	1.27	1.08
		Annual	Total	43.46	43.27
350	Dante, Va.	November	Total	1.21	1.26
		Annual	Total	40.61	40.66
		1944 Annual			
231	Roan High Knob, Tenn.	February	Total	5.27	5.66
		Annual	Total	49.14	49.53
303	Boone, N. C.	February	Total	4.41	5.41
		Annual	Total	43.55	44.55
88a	Rock Island, Tenn.	May	Total	1.96	1.91
		Annual	Total	50.29	50.24
357a	Tazewell, Va.	August	Total	None	2.49
		September	Total	None	4.79
350a	Dante, Va.	November	Total	None	2.55
		Annual	Total	None	47.10

ERRATA--Continued

1944 Annual--Continued

Station No.	Name	Period	Item	Published Amount	Correct Amount
591	Holtland, Tenn.	November	Total	None	2.84
		December	Total	7.56	7.54
		Annual	Total	None	62.51
635a	Benton, Ky.	November	Total	None	4.30
460	Lexington, Tenn.	December	Total	7.0	6.6
		Annual	Total	51.6	51.2
463	Enville, Tenn.	December	Total	9.4	7.6
		Annual	Total	53.8	52.0
466	Gillises Mills, Tenn.	December	Total	9.1	7.1
		Annual	Total	53.1	51.1
465	Acton, Miss.	December	Total	8.0	6.7

1945 Annual

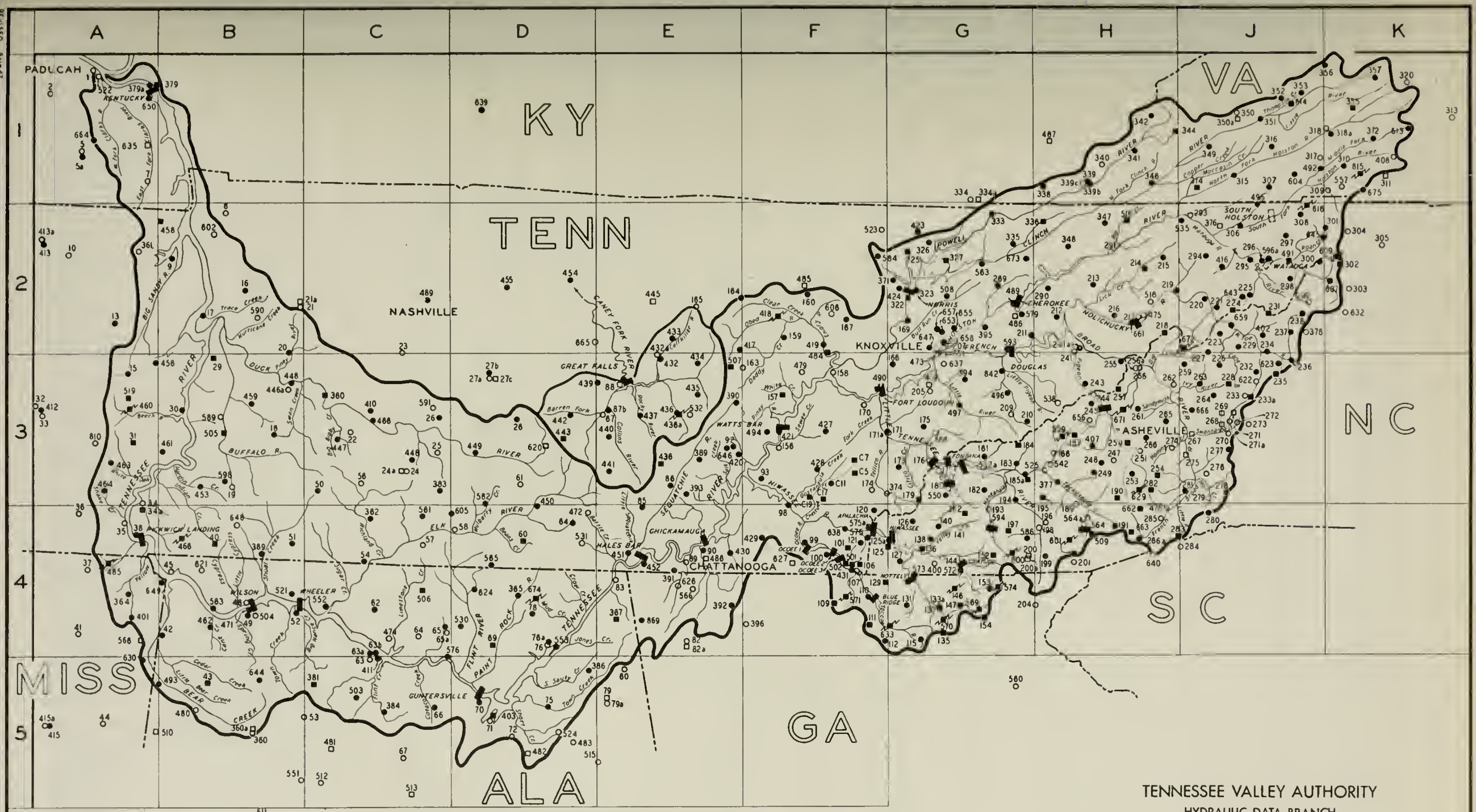
Station No.	Name	Period	Item	Published Amount	Correct Amount
460	Lexington, Tenn.	January	Total	3.8	3.6
		Annual	Total	55.3	55.1
463	Enville, Tenn.	January	Total	3.1	4.1
		Annual	Total	57.5	58.5
636	The Pinnacle, N. C.	April	Total	None	4.35
470	Wales, Tenn.	May	Total	4.50	4.76
27c	Murfreesboro, Tenn.	November	Total	7.14	9.27
		Annual	Total	52.95	55.08
183	Noland Creek, N. C.	November	Total	5.42	5.50
		Annual	Total	64.79	64.87
665	Smithville, Tenn.	October	Total	None	2.75
		November	Total	None	7.95
		December	Total	None	4.51

1946 Annual

Station No.	Name	Period	Item	Published Amount	Correct Amount
491	Butler, Tenn.	January	Total	4.02	3.75
			Mean	2.72	2.66
		Annual	Total	41.67	41.40
			Mean	40.99	40.93

ERRATA--Continued

Station No.	Name	Period	Item	Published Amount	Correct Amount
		1946 Annual--Continued			
660	Twentymile, N. C.	February	Total	6.12	5.08
		Annual	Total	57.11	56.07
291	Rogersville, Tenn.	March	Total	4.66	3.76
		Annual	Total	44.06	43.16
299	Banner Elk, N. C.	March	Normal	5.13	5.33
185	Bryson City, N. C.	December	Total	4.35	4.44
		Annual	Total	53.51	53.60



SYMBOLS:

- ● T.V.A. Daily Rain Gages
- ■ T.V.A. Recording Rain Gages
- T.V.A. Radio Rain Gages
- ○ U.S.W.B., U.S.E.D., U.S.F.S., U.S.D.I., and Other Agency Daily Rain Gages
- □ U.S.W.B., U.S.E.D., U.S.F.S., U.S.D.I., and Other Agency Recording Rain Gages
- ▬ Dam
- ▭ Dam Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

INDEX TO RAINFALL STATIONS

SCALE 10 0 10 20 30 40 50 MILES

REVISED 8-1-47

ANNUAL 1947 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY Total	JANUARY Nor'l	FEBRUARY Total	FEBRUARY Nor'l	MARCH Total	MARCH Nor'l	APRIL Total	APRIL Nor'l	MAY Total	MAY Nor'l	JUNE Total	JUNE Nor'l	JULY Total	JULY Nor'l	AUGUST Total	AUGUST Nor'l	SEPTEMBER Total	SEPTEMBER Nor'l	OCTOBER Total	OCTOBER Nor'l	NOVEMBER Total	NOVEMBER Nor'l	DECEMBER Total	DECEMBER Nor'l	YEAR Total	YEAR Nor'l	Depth of Snow (Inches)
412	JACKSON SUBSTA.	A-3	TVA	360	9	9.29	4.74	0.78	4.30	3.69	5.15	5.85	4.79	7.12	4.08	1.40	4.50	1.56	3.42	4.51	4.27	1.45	3.20	3.31	2.50	6.41	5.01	2.30	4.37	47.67	50.33	5.2
32	JACKSON	A-3	USWB	450	58	7.79	4.75	0.70	3.55	3.13	4.92	5.75	4.59	8.22	4.36	1.19	3.65	1.68	3.37	3.34	3.97	2.57	3.23	3.17	3.30	6.68	3.49	2.38	4.78	46.60	47.96	11.5
33	JACKSON NO. 2	A-3	USWB	460	21	7.36	5.71	0.62	4.27	3.77	5.52	6.11	4.77	7.30	4.36	1.62	4.14	1.28	3.63	2.75	4.16	2.30	3.44	3.36	3.04	6.02	3.76	2.17	4.80	44.66	51.60	9.8
10	DRESDEN	A-2	USWB	422	22	5.11	5.72	0.53	3.74	2.40	5.04	5.06	4.49	6.76	4.36	2.25	4.41	3.60	3.12	2.13	3.34	1.81	2.99	3.94	3.15	5.22	3.38	2.09	4.43	40.90	48.17	10.7
413	MARTIN SUBSTA.	A-2	TVA	385	9	5.23	3.51	0.59	4.21	2.80	5.27	4.97	4.53	5.46	4.26	1.02	4.14	2.57	3.18	1.94	3.37	3.64	2.54	5.12	3.00	5.57	4.16	2.62	3.40	41.53	45.57	---
413a	MARTIN	A-2	USWB	387	12	4.94	5.81	0.48	4.39	2.45	4.27	5.33	4.62	6.06	4.39	1.36	4.86	2.30	3.10	2.18	3.11	4.08	2.18	5.89	3.02	4.22	3.22	1.98	3.60	41.27	46.57	5.8
414	MEMPHIS, TENNESSEE SUBSTA.	-	TVA	295	9	6.79	4.47	0.45	4.13	2.41	4.87	3.99	4.56	4.98	3.62	6.66	3.57	0.76	2.51	3.35	2.44	0.64	2.64	3.59	3.06	5.84	4.80	2.35	4.57	41.81	45.24	5.6
414a	MEMPHIS, TENNESSEE (R)	-	USWB	271	77	5.94	4.81	0.71	4.36	1.96	5.26	4.56	4.78	4.68	4.19	5.49	3.55	0.63	3.18	2.42	3.36	0.62	2.80	5.67	2.68	5.07	4.24	3.36	4.51	41.11	47.72	3.1
415	TUPELO SUBSTA.	A-5	TVA	256	9	10.20	4.64	1.94	5.23	5.24	6.56	6.90	4.07	3.63	3.29	6.45	4.35	2.03	4.25	3.17	2.47	1.95	2.91	1.39	1.55	7.71	4.72	2.51	4.58	53.12	48.62	---
415a	TUPELO	A-5	USWB	306	42	8.66	4.63	1.95	4.44	5.14	5.66	8.53	4.63	3.23	4.60	6.74	4.00	2.06	4.40	3.24	3.78	2.62	3.28	2.63	2.75	6.98	3.68	3.00	5.57	54.78	51.42	0.2
454	CARTHAGE SUBSTA.	D-2	TVA	500	9	8.05	4.22	2.21	4.51	3.22	5.22	3.51	3.74	6.16	4.42	3.88	3.91	6.08	3.35	2.01	4.30	1.66	2.78	1.95	1.93	3.29	4.45	2.31	4.07	44.33	46.90	15.0
455	LEBANON SUBSTA.	D-2	TVA	530	33	8.02	4.67	1.32	3.90	3.08	5.49	3.73	4.42	6.65	4.65	3.03	4.21	4.96	4.20	1.70	4.31	0.54	2.86	2.52	3.23	4.37	3.91	2.22	4.64	42.14	50.49	---
469	SOUTH NASHVILLE SUBSTA.	C-2	TVA	425	8	8.49	4.89	0.89	3.89	2.43	4.95	3.33	3.70	5.38	3.88	1.70	2.15	5.31	3.77	3.77	3.43	1.09	3.04	1.17	1.69	3.33	3.75	2.37	3.99	39.26	43.13	13.1
639	BOWLING GREEN SUBSTA.	D-1	TVA	470	4	6.85		0.22		2.46		6.13		4.52		4.19		1.98		4.68		1.83		2.64		3.68		1.43		40.61		15.0
	TENNESSEE RIVER BELOW JOHNSONVILLE																															
1	PADUCAH	A-1	USWB	341	66	4.92	4.37	0.31	3.62	2.74	4.93	7.23	4.54	6.27	3.90	3.75	4.06	1.67	3.43	1.33	3.46	3.89	3.04	4.37	2.90	4.82	3.84	1.82	3.59	43.12	45.68	9.2
522	PADUCAH (NEAR) (R)	A-1	SCS	348	7	4.39	3.02	0.26	3.17	2.45	4.18	7.02	4.50	5.33	4.55	4.06	3.02	2.09	2.25	1.30	2.81	3.75	2.35	4.52	3.05	4.78	3.43	1.78	2.61	41.73	38.94	---
2	LOVELACEVILLE	A-1	USWB	479	23	3.72	4.68	0.17	3.90	2.67	5.32	7.01	4.78	5.42	3.75	3.66	4.46	1.01	2.67	3.82	3.58	3.26	3.58	4.54	3.53	3.81	3.50	2.30	3.62	41.39	47.37	6.2
650	GILBERTSVILLE (NEAR)	A-1	TVA	405	4	3.84		0.15		2.26		6.06		6.17		4.00		2.63		0.41		3.37		#3.78		4.19		1.64		#38.50		---
379	KENTUCKY DAM (R)	A-1	TVA	362	10	3.86	3.29	0.27	4.04	2.42	4.62	5.75	4.71	5.75	3.99	4.32	3.65	2.15	3.13	1.11	3.30	3.80	2.26	3.03	2.25	3.98	3.67	2.51	2.83	38.95	41.74	---
379a	KENTUCKY DAM	A-1	TVA	362	3	3.13		0.25		2.33		5.71		5.62		3.78		2.07		0.97		3.93		3.01		4.02		2.39		37.21		9.0
664	MAYFIELD (NEAR)	A-1	TVA	525	3	4.55		0.29		2.62		6.48		4.05		5.63		2.65		2.09		#3.10		4.94		4.01		2.60		#43.01		9.5
5	MAYFIELD	A-1	USWB	364	35	4.14	4.71	0.17	3.35	2.26	4.84	6.21	4.41	5.34	4.12	4.64	3.73	3.39	3.88	2.69	3.48	3.08	3.07	5.34	2.98	3.13	3.73	3.14	3.99	43.53	46.29	4.7
5a	MAYFIELD SUBSTA.	A-1	TVA	364	5	4.99		0.40		2.51		5.97		4.85		3.72		2.89		3.84		3.14		5.09		4.01		2.76		44.17		4.5
635	BENTON (R)	A-1	USWB	410	4	----		----		2.00		----		4.56		3.99		----		0.87		#4.84		----		2.84		----		-----		---
7	MURRAY	A-1	USWB	412	23	6.11	5.22	0.41	3.99	2.59	5.55	----	4.41	5.93	4.16	4.77	4.03	3.54	3.26	2.22	3.32	4.20	3.38	3.59	3.00	4.81	3.31	2.42	3.79	-----	47.42	5.5
7a	MURRAY EVAP. STA. (R)	A-1	TVA	550	5	5.61		0.34		2.85		6.42		6.74		----		STATION DISCONTINUED JUNE 19, 1947												-----		---
8	DOVER	B-2	USWB	492	55	5.61	5.37	0.30	3.79	2.00	4.83	6.29	4.45	7.22	4.12	2.28	4.11	2.22	3.38	2.63	3.58	2.48	3.25	5.87	3.30	3.90	3.81	1.66	4.62	42.46	48.61	5.2
602	DOVER FIRE TOWER (NEAR)	B-2	TVA	410	6	----		0.15		1.49		4.75		4.73		----		----		----		----		5.20		3.51		2.09		-----		---
456	BUCHANAN (R)	B-2	TVA	435	8	6.52	3.66	0.30	3.90	2.46	5.15	4.84	4.29	7.74	4.51	2.79	2.96	3.50	3.35	1.75	4.06	2.69	2.36	5.69	2.75	4.49	4.24	1.88	3.22	44.65	44.45	---
9	SPRINGVILLE	B-2	TVA	377	34	6.51	5.48	0.51	3.84	2.30	5.20	5.99	4.44	7.55	4.62	3.93	3.32	2.39	3.79	1.83	3.57	1.58	3.05	7.61	2.89	4.57	3.95	2.04	4.53	46.81	48.68	8.7
361a	PARIS EVAP. STA. (R)	A-2	TVA	455	-	ESTABLISHED JUNE 19, 1947												1.70		4.77		3.56		6.97		4.75		2.00		-----		---
361	PARIS	A-2	USWB	504	10	5.43	5.44	0.66	4.55	2.10	5.60	5.58	4.34	6.87	3.64	4.20	4.04	1.12	4.20	3.64	3.39	2.51	2.65	8.08	3.18	3.70	3.40	2.41	4.61	46.30	49.04	12.3
13	HUNTINGDON	A-2	TVA	435	19	7.59	5.93	0.64	3.99	2.75	5.96	5.50	4.71	6.93	4.74	3.99	3.84	2.88	4.01	2.13	3.48	1.93	3.15	5.53	2.82	5.25	3.75	2.31	3.88	47.43	50.26	17.1
15	WILDERSVILLE	A-3	TVA	480	36	8.47	5.67	0.65	4.05	3.07	5.02	5.80	4.54	8.12	4.59	4.97	4.14	1.77	3.85	4.67	4.17	2.75	2.99	4.83	2.94	5.35	3.87	2.50	4.66	52.95	50.49	12.7
16	ERIN (NEAR)	B-2	TVA	470	13	7.04	6.14	0.72	4.09	2.27	5.24	8.39	4.20	7.14	3.99	3.96	3.18	2.68	4.46	2.96	3.27	1.56	2.92	4.22	2.64	3.59	3.82	2.30	4.12	46.83	48.07	17.1
17	JOHNSONVILLE	B-2	TVA	435	65	6.83	5.36	0.79	4.14	2.70	5.18	7.39	4.80	9.58	4.42	3.47	4.15	2.34	4.02	4.87	3.89	1.29	3.46	4.25	2.93	5.02	4.08	2.20	4.53	50.73	50.96	17.0
	DUCK RIVER																															
459	PLEASANTVILLE	B-3	TVA	490	9	8.62	4.97	0.97	4.50	3.57	5.34	5.47	4.62	10.15	4.13	2.00	2.75	3.83	3.04	1.89	5.19	0.58	2.86	3.24	2.15	4.28	4.45	2.32	4.51	46.92	48.51	9.1
589	LINDEN	B-3	USWB	500	7	7.05	5.16	0.55	4.13	3.42	5.50	5.43	4.68	8.18	4.23	3.80	4.23	1.58	3.99	2.89	3.96	1.27	3.09	2.63	3.42	4.82	3.78	2.13	5.32	43.75	51.49	8.5
505	SUGAR HILL (R)	B-3	TVA	610	7	6.79	5.82	0.94	4.32	3.31	4.72	5.65	4.51	7.27	3.55	1.59	1.91	1.51	2.92	3.49	5.69	1.49	3.50	1.20	2.11	4.42	4.11	2.22	4.55	39.88	47.71	---
18	HOHENWALD	B-3	TVA	975	60	4.48	5.28	1.97	4.73	4.17	5.96	5.76	5.01	6.50	4.38	1.53	4.23	1.76	4.24	1.70	4.38	0.94	3.12	0.56	2.80	4.01	4.04	2.71	5.22	36.09	53.39	12.1
598	WAYNESBORO (NEAR)	B-3	TVA	860	6	7.40		1.76		4.74		8.15		8.18		3.40		1.59		2.77		1.64		0.51		3.91		2.54		46.59		14.7
19	WAYNESBORO	B-3	USWB	730	63	8.78	5.00	1.89	4.22	4.19	5.67	6.24	5.38	5.99	4.80	2.17	4.07	1.49	4.53	2.74	4.60	1.75	3.23	0.56	3.25	3.88	3.78	3.05	5.63	42.73	54.16	7.9
590	MCEWEN (NEAR)	B-2	USWB	500	7	7.35		----		----		----		----		4.17		2.28		1.99		1.11		2.65		3.50		2.51		-----		---
20	PINEWOOD	B-2	TVA	520	34	9.85	5.61	1.26	3.82	3.13	5.04	4.51	4.79	6.08	4.23	4.51	3.49	3.65	3.94	2.13	4.09	0.94	2.68	3.28	2.76	3.87	3.60	2.55	4.85	45.76	48.90	15.0
21	DICKSON	B-2	USWB	800	55	7.20	5.23	1.93	3.74	2.58	5.36	6.10	4.81	6.97	4.63	1.98	4.30	2.43	3.88	2.78	4.06	1.20	2.84	3.01	3.14	3.31	3.87	2.63	4.92	42.12	50.78	---
21a	DICKSON (R)	B-2	USWB	800	8	6.93	4.68	0.88	3.81	1.94	4.82	5.92	4.35	6.61	4.32	1.88	2.72	2.30	3.12	2.63	4.59	1.70	2.49	3.05	2.34	2.99	4.36	2.69	4.70	39.52	46.30	---
446	CENTERVILLE SUBSTA.	B-3	TVA	550	9	9.04	5.00	1.02	4.48	3.13	4.91	5.71	4.37	8.16	3.72	6.76	3.02	4.22	3.23	1.14	4.68	1.27	3.00	1.47	1.67	3.96	3.98	2.18	4.22	48.06	46.28	9.4
446a	CENTERVILLE	B-3	USWB	600	3	8.27		1.22		3.34		5.73		7.54		6.81		3.47		1.62		0.90		1.77		3.64		2.18		46.49		19.0
380	SHADY GROVE (R)	C-3	TVA	580	10	6.07	4.62	1.44	5.35	3.11	4.61	5.35	4.27	7.36	3.46	2.89	2.49	5.34	3.66	4.54	4.12	0.39	2.70	0.16	1.42	3.56	3.65	2.23	4.05	42.44	44.40	---
447	MT. PLEASANT SUBSTA.	C-3	TVA	650	9	6.14	3.86	1.41	5.19	3.63	5.22	4.60	4.06	6.02	3.61	3.94	2.23	3.01	4.01	1.84	4.45	0.94	3.85	0.78	1.99	3.98	3.81	2.94	4.33	39.23	46.61	5.5
22	ASHWOOD	C-3	USWB	725	75	7.90	4.72	1.55	3.82	3.61	5.17	4.35	4.34	6.75	4.25	3.51	3.92	4.15	3.54	1.75	4.02	1.66	3.10	1.05	3.09	4.21	3.28	2.77	4.66	43.26	47.91	10.0
410	COLUMBIA SUBSTA.	C-3	TVA	620	9	6.94	3.99	1.26	4.72	3.16	4.90	4.66	4.04	6.21	3.31	6.58	3.29	4.83	3.51	4.70	5.20	1.56	3.98	1.21	1.84	3.77	3.88	2.97	4.23	47.85	46.89	7.0
468	COLUMBIA HYDRO DAM	C-3	TVA	625	9	7.10	4.04	1.46	4.72	3.19	4.77	4.49	3.95	5.20	3.40	4.65	2.79	4.93	4.22	2.60	5.31	1.55	4.31	1.14	2.12	4.01	3.91	3.58	4.03	43.90	47.57	7.0
23	FRANKLIN	C-2	USWB	625	68	7.14	4.71	1.09	3.89	3.02	5.25	4.90	4.70	8.31	3.98	4.12	4.27	4.18	3.55	4.21	3.97	1.34	3.01	0.91	3.00	3.54	3.68	2.17	4.84	44.93	48.85	---
448	LEWISBURG NO. 2 SUBSTA.	C-3	TVA	740	9	7.85	4.45	1.80	5.69	3.06	4.79	3.38	4.22	6.46	4.29	4.01	3.28	3.21	4.98	2.42	3.53	0.85	3.72	0.74	1.82	4.92	3.79	2.90	4.01	41.60	48.57	---
24	LEWISBURG (NEAR)	C-3	USWB	787	54	8.44	4.93	1.99	4.36	2.32	5.78	3.79	4.58	6.09	4.25	4.19	4.25	3.20	4.24	3.06	4.51	0.72	3.01	0.86	3.30	3.92	3.47	2.85	5.29	41.43	51.97	9.1
24a	LEWISBURG (NEAR) (R)	C-3	USWB	787	8	8.00	4.99	2.19	6.04	2.85	4.81	4.12	3.99	5.50	3.77	3.98	2.95	3.00	4.70	2.92	3.30	0.67	3.23	0.79	1.85	3.72	4.03	3.00	4.44	40.74	48.10	---
25	PALMETTO	C-3	USWB	770	58	7.17	4.68	2.03	4.16	2.65	5.33	4.11	4.38	5.46	4.43	4.85	4.43	8.26	4.58	2.00	4.18	0.84	2.96	0.64	3.39	3.76	3.28	2.63	4.98	44.40	50.78	6.0
26	CHAPEL HILL	C-3	TVA	675	13	8.13	5.55	1.32	5.18	2.80	4.99	3.29	4.10	6.49	4.53	3.68	3.02	3.94	4.44	4.00	4.60	1.14	3.53	1.67	2.38	4.66	4.42	3.02	3.92	44.14	50.66	1.9
591	HOLTLAND	C-3	USWB	700	7	5.42	5.48	2.27	5.85	2.90	5.44	3.22	2.92	7.51	5.02	4.49	3.25	3.30	4.91	2.49	4.62	0.97	4.40	DISCONTINUED OCTOBER 1947						-----		---
27a	MURFREESBORO	D-3	USWB	608	66	7.14	4.75	1.66	3.67	2.81	5.16	3.19	4.48	6.30	4.14	3.05	3.93	3.97	4.33	2.96	4.19	1.10	3.07	1.25	3.07	5.05	3.49	3.16	4.67	41.64	48.95	7.3
27b	MURFREESBORO SUBSTA.	D-3	TVA	580	8	7.79	4.26	2.03	5.08	2.81	5.27	3.27	3.70	6.88	4.25	2.81	2.45	3.79	4.35	1.59	3.96	1.15	3.77	1.10	1.72	4.81	4.63	3.07	4.29	41.10	47.73	9.1
27c	MURFREESBORO (R)	D-3	USWB	608	8	6.41	3.93	1.85	4.82	2.48	4.45	3.19	3.22	5.57	3.75	2.61	2.26	3.63	3.89	2.71	3.75	1.16	3.67	1.42	1.77	4.00	4.12	2.96	4.45	37.99	44.08	---
449	SHELBYVILLE DAM	D-3	TVA	740	9	9.29	4.34	1.79	5.48	2.92	4.87	4.11	3.96	4.48	3.80	5.87	3.49	6.62	4.14	0.56	3.84	1.84	3.66	2.10	1.91	5.15	3.85	2.68	4.54	47.41	47.88	---
28	BEECH GROVE	D-3	TVA	875	11	10.79	5.86	2.11	5.76	3.67	5.19	3.23	3.74	5.37	4.52	5.70	3.68	3.82	4.09	4.34	5.58	0.60	3.66	1.40	2.18	5.25	4.24	3.14	4.43	49.42	52.93	8.3
620	MANCHESTER (R)	D-3	USWB	1060	6	#7.73		2.09		3.06		2.78		2.84		4.53		4.03		0.62		0.99		1.65		#4.58		#2.51		#37.41		---

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1947 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	TENNESSEE RIVER - PICKWICK TO JOHNSONVILLE																															
458	CAVVIA	A-3	TVA	598	9	8.47	4.28	0.69	4.06	2.55	5.48	7.07	4.98	6.89	4.05	3.07	3.35	2.39	2.95	6.01	4.47	2.61	3.39	5.33	2.91	4.98	4.92	2.51	4.09	52.57	48.93	15.5
29	CUBA LANDING (R)	B-3	TVA	444	13	8.63	5.68	0.69	4.10	2.73	5.08	5.15	4.14	6.89	3.91	3.73	3.71	1.98	3.69	4.39	2.85	0.67	2.27	2.43	2.48	3.86	3.62	2.19	3.80	43.34	45.33	---
30	PERRYVILLE	B-3	TVA	430	52	7.67	5.42	0.86	4.16	3.25	5.75	6.38	4.63	6.99	4.13	4.18	4.00	1.61	3.85	3.30	3.73	1.38	2.95	3.58	3.08	5.38	3.89	2.33	4.96	46.91	50.55	6.5
519	OAK GROVE (R)	A-3	TVA	532	7	8.82	5.22	0.81	4.10	3.44	5.04	6.48	4.92	7.88	4.23	3.74	3.38	1.65	2.69	3.27	4.49	3.71	3.53	4.67	3.27	5.12	5.16	2.42	4.53	52.01	50.56	---
461	[illegible], TENNESSEE	B-3	TVA	535	9	7.26	4.50	1.11	4.56	3.78	5.52	5.28	4.78	7.30	3.55	3.11	3.01	1.18	2.06	4.03	4.20	1.27	2.79	2.97	2.68	5.52	4.44	2.25	4.70	45.06	46.79	3.5
453	CLIFTON JUNCTION	B-3	TVA	474	9	7.21	4.11	0.82	4.55	4.42	5.65	5.85	4.50	6.82	3.26	2.68	3.52	0.55	2.51	1.38	4.02	1.72	3.51	0.72	2.13	4.30	4.35	2.32	4.34	38.79	46.45	---
40	VICTORY (R)	B-4	TVA	850	13	7.26	6.06	0.88	5.83	3.25	5.77	6.76	5.46	6.42	4.32	3.33	4.05	1.98	4.53	3.31	4.81	3.18	3.34	1.03	3.42	5.31	4.90	3.34	4.90	46.05	57.39	---
31	REAGAN (R)	A-3	TVA	600	29	8.63	4.83	1.01	4.04	3.89	4.43	5.52	4.57	7.08	3.85	2.41	3.97	0.97	3.59	4.60	3.49	3.12	2.97	4.25	2.73	5.94	3.75	2.47	4.82	49.89	47.04	---
463	ENVILLE	A-3	TVA	537	8	7.89		1.15		3.76		5.43		6.72		3.06		1.36		1.66		3.15		4.24		5.68		2.33		46.43		2.9
610	JACKS CREEK	A-3	USWB	549	8	6.07	4.11	0.92	4.49	3.01	4.93	5.10	4.45	4.66	3.10	3.64	2.96	2.26	3.50	3.09	3.85	5.06	4.58	4.76	3.31	4.52	4.58	2.71	4.85	45.80	48.71	8.8
34	SAVANNAH	A-3	USWB	440	65	7.94	5.06	1.73	4.00	4.32	5.62	5.51	4.92	7.05	4.54	3.31	4.06	1.50	4.32	0.48	3.86	2.50	3.31	1.84	3.18	4.79	3.80	2.78	5.50	43.75	52.17	4.4
34a	SAVANNAH (R)	A-4	TVA	450	3	7.25		1.57		4.33		5.22		6.28		2.93		1.62		0.36		2.39		1.39		4.28		2.63		40.25		---
464	LEAPWOOD (NEAR)	A-3	TVA	540	9	6.87	4.55	1.27	5.01	4.25	5.60	5.45	4.49	6.31	3.13	4.38	3.53	1.83	2.60	2.51	3.51	3.32	4.12	4.51	3.06	5.53	4.48	1.89	4.59	48.12	48.67	4.8
35	SHILOH	A-4	USDI	483	37	8.67	5.41	1.90	4.46	4.39	5.80	6.10	4.87	7.32	4.46	7.97	3.85	3.05	4.12	1.37	3.56	2.25	2.86	1.95	3.33	5.10	3.82	3.40	5.35	53.47	51.89	---
36	SELMER	A-4	USWB	438	23	5.07	5.02	1.48	4.51	4.06	5.78	6.70	4.36	5.54	4.07	2.81	4.23	2.03	3.25	3.64	3.72	2.97	3.37	4.22	3.51	5.75	3.86	2.50	5.09	46.77	50.77	2.0
465	ACTON (NEAR)	A-4	TVA	510	8	RE-ESTABLISHED JULY 28, 1947												----		1.67		1.29		1.87		5.51		3.21		-----		---
37	CORINTH	A-4	USWB	470	60	8.23	4.98	1.90	4.26	4.00	5.51	6.37	4.79	5.67	4.50	2.52	3.76	1.89	4.77	0.99	4.02	1.85	3.10	2.65	3.28	5.05	3.72	3.08	5.77	44.20	52.46	1.4
	TENNESSEE RIVER - FLORENCE TO PICKWICK																															
38	PICKWICK LANDING DAM	A-4	TVA	479	13	7.82	5.84	2.06	4.66	4.28	5.14	5.28	4.27	5.51	3.62	4.89	3.88	1.38	3.44	1.59	3.38	1.81	2.88	1.14	3.31	4.56	4.47	3.04	4.49	43.36	49.38	---
364	BURNSVILLE SUBSTA.	A-4	TVA	452	10	8.73	5.39	1.85	5.46	3.65	5.73	5.57	5.06	9.25	4.50	4.02	3.62	5.43	3.43	2.04	4.14	1.53	2.61	2.13	2.01	5.83	5.20	3.58	4.84	53.61	51.99	2.0
649	EASTPORT	B-4	MISS	445	4	7.34		1.80		3.45		4.67		----		----		----		----		----		----		4.98		2.72	---	-----		3.2
401	MIDWAY	A-4	TVA	610	9	9.18	5.82	1.89	6.11	4.11	5.74	4.98	4.42	6.50	3.88	5.48	3.98	5.71	3.52	4.68	3.92	1.40	2.82	2.97	2.26	5.60	4.88	2.77	4.73	55.27	52.08	1.5
41	BOONEVILLE	A-4	USWB	504	54	7.44	5.13	1.66	4.35	4.89	5.63	6.16	4.90	6.83	4.64	2.88	4.02	2.14	4.15	4.54	3.67	1.99	3.07	3.25	3.10	5.95	3.78	3.23	6.03	50.96	52.47	T
42	BISHOP	B-4	TVA	470	13	9.96	5.86	1.61	5.52	5.50	6.38	5.00	4.95	4.38	4.10	5.58	3.81	2.79	3.98	10.71	4.00	1.70	2.73	1.96	2.43	7.43	4.44	3.10	4.28	59.72	52.48	2.2
43	BELGREEN (R)	B-5	TVA	910	13	11.82	5.42	2.12	5.97	4.49	6.49	7.41	4.84	4.37	3.98	3.94	3.72	1.40	5.01	6.76	4.14	3.16	2.73	2.07	2.90	5.67	3.97	2.73	4.18	55.94	53.35	---
568	TISHOMINGO (R)	A-4	USWB	550	7	#9.77		1.92		4.85		5.40		4.47		5.18		2.91		9.64		1.83		3.07		5.26		3.53		#57.83		---
630	BELMONT (NEAR)	A-5	TVA	585	5	8.82		2.89		4.05		6.15		3.85		4.45		1.30		5.07		2.64		3.21		7.48		2.76		52.67		1.5
493	RED BAY	B-5	TVA	627	8	9.93	5.28	1.96	5.98	4.11	6.52	6.91	4.14	3.79	4.38	6.59	2.53	1.40	3.84	4.40	4.74	2.58	2.72	2.81	2.38	8.31	4.91	2.66	5.04	55.45	52.46	1.0
480	HODGES	B-5	USWB	870	10	10.32	5.38	2.45	6.55	#4.94	6.13	8.33	4.49	5.39	3.63	8.59	4.38	1.72	4.23	2.24	3.94	1.38	2.26	1.08	1.43	6.55	3.95	3.23	4.42	#56.22	50.79	---
510	BEXAR (R)	A-5	USWB	-	7	8.60	4.90	2.18	5.09	4.07	5.66	7.40	3.40	4.59	3.74	3.24	2.02	1.00	5.30	3.87	4.10	0.48	2.79	1.84	2.60	5.50	3.44	2.90	4.48	45.67	47.52	---
44	FULTON	A-5	USWB	335	39	9.70	4.62	1.85	5.53	4.55	5.42	7.89	4.62	2.50	4.74	3.14	3.86	2.53	4.57	4.57	3.59	1.48	2.75	0.82	2.83	6.28	3.50	2.51	5.72	47.82	51.75	1.0
360	HALEYVILLE	B-5	USWB	947	12	9.38	6.18	2.28	6.00	5.37	6.23	6.92	4.55	2.81	3.60	3.74	5.01	2.34	6.22	6.16	4.74	1.07	3.04	0.95	2.25	6.12	3.99	3.48	4.80	50.62	56.61	2.0
360a	HALEYVILLE (R)	B-5	USWB	947	8	8.08	4.85	2.51	5.36	4.84	6.14	7.51	3.98	1.69	2.44	3.39	4.03	2.25	5.32	6.04	5.17	0.96	2.65	0.95	1.82	5.58	4.18	3.63	4.86	47.43	50.80	---
45	WATERLOO	B-4	USWB	440	51	8.90	4.73	1.97	4.52	3.94	5.68	5.20	4.89	5.97	4.37	2.99	3.98	2.27	4.22	4.03	3.89	1.60	2.99	1.30	3.38	#5.92	3.72	3.04	5.35	#47.13	51.72	1.5
621	YOUNGS STORE (NEAR)	B-4	ALA	840	6	7.23		1.18		----		5.80		5.77		3.87		1.19		5.35		2.79		1.72		6.26		3.10		-----		---
583	SMITHSONIA (NEAR)	B-4	TVA	500	6	7.72	4.85	1.74	6.14	4.78	5.77	5.44	3.90	4.55	3.54	4.43	2.40	1.20	2.48	2.45	4.21	1.99	3.17	2.01	1.80	6.15	4.27	2.99	4.72	45.45	47.25	---
462	BARTON	B-4	TVA	463	9	#8.99	5.40	1.34	6.14	4.64	5.83	6.42	4.46	6.38	3.77	7.37	2.49	2.19	3.56	4.85	4.41	1.81	2.80	2.49	1.99	7.41	4.41	3.69	5.77	#57.58	51.03	3.1
	TENNESSEE RIVER - GUNTERSVILLE TO FLORENCE																															
48	FLORENCE (AT LOCK)	B-4	USED	440	12	8.83	4.86	1.82	4.64	4.81	5.71	5.52	4.60	3.21	4.25	4.36	4.47	1.41	4.62	3.94	3.86	1.69	2.85	1.84	3.22	6.19	3.45	2.69	5.14	46.31	51.67	2.0
504	MUSCLE SHOALS	B-4	USWB	534	64	7.45	4.86	2.01	4.64	4.29	5.71	4.94	4.60	3.08	4.25	3.64	4.47	1.06	4.62	4.08	3.86	0.73	2.85	2.09	3.22	5.96	3.45	2.84	5.14	42.17	51.67	---
471	WILSON HYDRO PLANT	B-4	TVA	530	5	9.77		1.94		5.00		5.50		3.70		3.75		1.31		3.79		1.22		1.95		6.75		2.68		47.36		1.8
49	TVA NURSERY	B-4	TVA	505	14	8.51	5.08	1.99	5.85	5.21	5.43	5.25	4.61	3.63	3.15	4.94	3.36	1.18	3.91	3.99	3.44	0.55	2.50	2.23	2.53	6.79	3.84	2.69	3.94	46.96	47.64	2.0
369	IRON CITY	B-4	TVA	540	28	9.25	5.10	2.22	5.35	----		7.10	4.78	#7.20	4.27	2.36	3.94	0.97	4.45	6.45	4.54	1.70	3.49	1.25	2.25	4.07	3.62	2.90	5.53	-----		----
648	MCGLAMERY	B-4	TENN	950	3	----		1.75		3.97		3.60		5.60		2.25		0.61		3.61		0.77		0.99		2.57		3.27		-----		----
51	LORETTO	B-4	TVA	774	40	9.01	5.55	2.00	5.27	4.46	6.44	5.37	5.09	6.96	4.33	1.60	3.55	2.64	4.47	5.09	4.36	1.38	2.71	1.27	3.09	4.75	4.19	3.15	4.67	47.68	53.72	4.7
50	ETHRIDGE	C-3	TVA	970	13	7.12	5.01	1.81	5.00	2.99	4.55	4.28	4.13	5.83	3.73	3.23	2.88	1.58	4.56	3.40	3.63	0.50	2.91	0.75	2.38	4.12	4.04	3.14	4.06	38.75	46.88	5.5
644	NEWBURG	B-5	TVA	660	4	10.79		2.20		4.40		6.29		3.38		4.51		1.24		3.28		1.94		1.46		5.69		2.62		47.80		2.7
521	CENTER STAR (NEAR)	B-4	TVA	600	7	9.68	5.43	1.72	5.95	5.01	5.51	5.01	3.49	#3.12	2.58	4.44	2.67	1.68	4.71	7.46	4.58	0.52	2.89	2.46	1.70	5.91	3.88	2.95	4.72	#49.96	48.11	---
52	WHEELER DAM	B-4	TVA	580	13	10.05	5.38	1.74	5.76	4.59	5.61	4.29	4.36	2.40	3.10	5.81	3.56	1.47	4.36	3.56	3.23	0.35	2.20	2.36	2.33	7.24	3.90	2.80	4.21	46.66	48.00	1.9
552	ROGERSVILLE (NEAR)	C-4	TVA	590	7	9.00		2.37		2.82		3.01		1.90		3.39		2.97		2.66		0.30		#2.05		6.38		2.00		#38.85		---
381	MOULTON (R)	C-5	TVA	630	10	9.32	5.47	2.00	6.02	4.55	5.70	4.57	3.42	2.51	2.35	5.30	3.45	1.21	3.87	3.19	3.81	1.54	2.50	1.13	1.28	4.87	3.10	2.46	3.71	42.65	44.68	---
53	CENTRAL TOWER	B-5	USFS	1500	13	9.30	5.23	2.00	5.58	4.60	6.15	#5.50	4.42	3.18	3.44	3.57	3.35	1.72	4.71	----		1.71	2.35	2.24	2.18	6.49	3.59	3.38	4.66	-----		3.0
481	ADDISON (R)	C-5	USWB	875	10	8.52	5.11	2.59	6.29	4.30	5.28	7.27	3.86	3.03	2.69	3.61	4.54	3.37	4.89	1.23	4.25	2.07	3.24	2.59	1.77	5.32	3.65	3.01	4.29	46.91	49.86	---
62	ATHENS	C-4	TVA	710	13	11.06	6.02	1.81	5.37	4.07	6.10	3.88	4.42	1.65	2.83	3.35	3.09	2.41	4.22	4.07	3.88	0.53	2.81	2.76	2.81	7.40	4.03	2.80	4.72	45.79	50.30	2.1
63a	DECATUR NO. 3	C-4	TVA	580	7	9.80	5.26	1.37	5.57	4.32	5.48	5.54	4.44	2.04	2.27	4.21	2.87	3.89	3.88	1.69	3.88	1.36	3.35	#1.22	1.74	5.33	3.64	2.66	4.64	#43.43	47.02	1.0
63	DECATUR	C-5	USWB	573	69	10.56	4.63	2.08	4.43	#5.04	5.62	4.63	4.48	2.77	3.83	3.36	3.79	4.29	4.35	2.08	3.91	1.55	2.37	1.24	3.07	6.39	3.20	3.07	5.04	#47.06	48.72	---
63b	DECATUR NO. 4	C-4	TVA	600	-	11.39		2.31		4.77		4.47		2.70		3.16		4.19		2.07		1.71		1.23		5.79		2.93		46.72		3.5
411	DECATUR NO. 2 SUBSTA.	C-5	TVA	588	9	10.95	4.85	2.23	5.22	4.17	5.44	4.43	3.73	2.78	2.24	2.55	2.87	3.52	4.07	1.63	3.53	1.26	3.39	1.48	1.72	5.35	3.35	2.71	4.17	43.06	44.58	1.8
503	DANVILLE	C-5	TVA	595	7	9.75	5.01	2.43	5.32	4.68	5.67	5.36	3.76	3.12	2.44	4.07	2.44	1.70	3.64	1.00	3.69	1.59	3.77	3.18	2.03	5.20	3.50	2.83	4.63	44.91	45.90	1.5
384	FALKVILLE	C-5	TVA	620	10	10.07	4.98	2.23	6.74	3.78	5.61	4.71	3.75	2.82	2.96	4.08	3.33	1.07	5.18	2.54	3.96	4.16	3.24	3.00	1.87	4.14	3.68	2.82	4.16	45.42	49.46	1.5
513	GARDEN CITY (R)	C-5	USWB	504	10	9.01	4.36	2.15	5.06	6.35	6.51	6.59	4.32	3.33	2.94	4.43	3.00	2.83	5.20	2.77	4.68	1.22	3.28	3.09	2.36	5.28	3.77	3.24	5.74	50.29	51.22	---
474	ALABAMA STATE FARM	C-4	API	600	18	8.96	4.48	2.43	5.07	4.20	5.57	4.10	3.71	2.25	3.18	3.45	2.87	3.40	4.47	2.66	3.84	2.80	3.22	0.97	2.60	6.21	3.46	2.75	4.94	44.18	47.41	4.0
64	MADISON	C-4	USWB	573	54	9.17	4.63	2.34	4.58	4.28	5.73	5.04	4.83	2.70	3.99	2.63	4.26	3.31	4.62	2.67	3.79	2.33	3.01	3.51	3.39	5.21	3.52	2.71	5.36	45.90	51.71	2.8
65	HUNTSVILLE SUBSTA.	C-4	TVA	615	24	9.70	5.31	2.72	4.89	3.59	5.52	4.13	5.14	3.08	3.71	3.06	4.57	3.02	4.45	1.41	4.28	2.08	2.76	1.81	2.70	4.50	3.36	2.84	4.56	41.94	51.25	1.5
65a	HUNTSVILLE	C-4	USWB	620	7	8.48	5.36	2.29	5.03	3.29	5.57	3.67	5.10	2.70	3.67	1.93	4.76	2.94	4.37	1.61	4.48	2.57	2.76	1.52	2.56	3.94	3.22	2.68	4.74	37.62	51.62	1.5

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1947 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	TENNESSEE RIVER - GUNTERSVILLE TO FLORENCE (CONT'D)																															
66	CENTER GROVE	C-5	TVA	700	13	13.63	5.97	2.61	6.04	9.20	6.53	6.51	5.40	7.31	3.39	8.70	4.33	3.99	5.04	5.20	4.77	2.96	3.24	3.45	2.75	7.79	4.15	4.54	4.68	75.89	56.29	1.1
67	ST. BERNARD	C-5	USWB	802	41	9.21	5.51	2.60	4.92	5.88	5.97	5.78	4.84	3.88	4.49	3.45	4.27	2.09	5.32	1.96	4.66	0.94	2.79	5.54	3.74	5.49	3.72	2.88	5.53	49.70	55.76	---
576	FARLEY	C-5	TVA	670	7	10.21	5.21	2.83	6.52	4.21	6.15	4.07	4.06	3.43	3.60	3.35	3.05	3.11	2.60	2.72	2.89	3.72	4.12	1.92	1.97	5.00	3.47	2.44	4.62	47.01	48.26	2.6
530	MONTE SANO NO. 6	D-4	TVA	1650	7	11.48	5.95	2.81	5.72	4.64	5.90	4.65	4.22	4.81	3.46	3.89	4.45	----		2.33	3.64	1.99	4.44	2.69	2.31	5.83	4.47	3.29	5.62	-----		4.3
506	TONEY (R)	C-4	TVA	750	7	9.95	5.04	2.03	5.30	4.12	4.61	2.89	3.43	3.42	2.44	2.78	1.83	1.97	3.28	1.23	2.62	0.43	3.15	3.45	1.96	6.00	3.32	2.72	4.47	40.99	41.45	---
624	NEW MARKET	D-4	TVA	725	5	10.40		2.38		4.52		4.18		5.78		3.19		2.94		1.35		2.30		2.57		6.02		2.62		48.25		2.5
585	ELORA	D-4	TVA	930	6	9.45	4.98	2.29	6.41	4.05	5.38	4.05	4.48	4.54	3.53	2.67	4.58	2.96	2.09	2.43	3.88	1.02	4.27	1.31	2.13	5.08	4.24	2.93	5.52	42.78	51.49	3.0
69	PAINT ROCK (R)	D-4	TVA	610	13	10.48	5.83	2.21	6.14	4.23	5.78	3.96	4.99	2.64	2.88	2.78	3.92	2.36	4.11	1.83	4.01	1.54	3.12	2.25	2.05	5.84	3.56	2.54	4.69	42.66	51.08	---
385	SWAIM	D-4	TVA	665	10	10.68	5.26	2.63	7.18	4.62	5.70	4.50	4.10	4.58	3.77	4.44	4.00	4.69	4.40	1.66	4.14	1.08	3.34	2.34	1.94	6.03	4.02	2.70	4.97	49.95	52.82	0.8
78	HYTOP	D-4	TVA	1500	13	10.70	6.46	2.74	6.63	4.73	6.09	3.82	5.18	4.69	4.17	5.32	4.21	6.22	5.19	1.10	3.74	1.23	3.36	3.71	2.88	7.00	4.49	2.40	5.28	53.66	57.68	4.7
	ELK RIVER																															
54	BETHEL	C-4	TVA	650	13	8.81	5.67	1.76	5.82	4.13	5.84	4.24	4.54	4.28	3.93	3.14	3.02	3.03	5.40	1.78	3.67	1.78	3.90	1.82	3.00	5.51	4.40	3.01	4.09	43.29	53.28	2.8
382	PULASKI	C-4	TVA	690	10	7.78	4.89	1.82	6.69	4.25	5.38	4.43	3.70	5.92	3.97	4.02	3.14	3.45	3.97	1.10	4.05	3.55	3.62	1.34	1.62	4.59	4.26	2.68	4.25	44.93	49.54	3.3
56	LYNNVILLE (NEAR)	C-3	USWB	800	62	8.10	4.87	2.17	4.60	3.61	5.69	5.24	4.83	5.38	4.26	3.96	4.68	4.72	4.86	3.70	4.45	1.02	3.07	0.55	3.50	4.36	3.39	3.08	5.23	45.89	53.43	2.7
57	COLDWATER	C-4	USWB	645	52	9.61	4.97	1.94	4.64	3.40	5.93	4.06	4.98	4.50	4.35	3.89	4.26	3.57	4.19	1.94	4.24	1.22	2.96	1.40	3.46	6.38	3.70	3.32	5.65	45.23	53.33	6.4
581	BOONSHILL	C-4	TVA	680	7	10.23	5.67	2.21	6.76	3.76	5.54	3.23	3.80	5.09	4.47	3.02	3.19	4.15	3.83	2.08	4.44	1.56	4.64	1.09	1.79	5.60	4.38	2.94	5.03	44.96	53.54	3.8
58	FAYETTEVILLE	D-4	USWB	720	33	9.55	4.59	2.20	5.20	4.21	5.39	5.21	4.26	3.81	4.03	4.03	3.61	4.89	4.79	1.81	3.68	2.21	2.87	1.53	2.98	7.35	4.00	3.28	4.58	50.08	49.98	---
605	BELLEVILLE	D-4	TVA	747	6	10.37	6.12	2.10	7.29	4.16	5.55	3.63	4.44	3.84	4.51	3.70	3.82	7.95	4.48	0.85	3.08	3.11	4.73	1.83	2.18	6.34	4.60	3.15	5.34	51.03	56.14	5.2
383	PETERSBURG	C-3	TVA	785	10	11.53	5.45	2.07	7.04	3.87	5.30	3.43	3.84	6.27	4.53	3.91	3.84	6.72	5.24	1.38	3.40	2.49	3.52	1.44	1.82	4.87	4.22	2.88	4.51	50.86	52.71	5.5
582	LYNCHBURG	D-3	TVA	780	7	10.35	5.51	2.18	6.56	4.37	5.62	3.57	3.77	3.43	4.08	6.43	3.60	4.16	3.75	2.83	3.87	5.21	5.42	1.82	2.10	6.33	4.40	3.14	5.49	53.82	54.17	4.8
60	BELVIDERE (R)	D-4	TVA	970	13	9.24	5.00	1.82	4.90	3.12	4.72	3.05	3.77	2.89	3.18	5.15	3.85	5.50	5.23	0.55	4.33	3.42	3.17	1.99	2.36	4.60	3.33	2.98	4.08	44.31	47.92	---
61	TULLAHOMA	D-3	USWB	1075	61	9.19	4.89	2.28	4.63	3.75	5.80	3.14	5.11	3.31	4.29	3.93	4.26	5.12	4.80	2.67	4.44	1.30	3.26	1.47	3.59	5.52	3.59	3.01	5.80	44.69	54.46	1.2
450	ESTILL SPRINGS DAM	D-4	TVA	920	9	11.30	4.94	2.49	5.32	3.74	5.02	3.02	3.86	2.95	4.18	6.36	4.40	3.02	5.38	0.70	4.20	2.36	3.66	1.70	2.57	5.74	3.69	3.24	4.69	46.62	51.91	7.3
	TENNESSEE RIVER - CHICKAMAUGA TO GUNTERSVILLE																															
70	GUNTERSVILLE DAM	D-5	TVA	611	12	10.21	5.50	2.90	5.58	5.08	5.98	3.53	4.85	3.47	2.77	4.57	3.61	2.62	4.57	3.34	4.07	2.04	2.67	2.55	2.09	4.25	3.05	2.25	4.50	46.81	49.24	2.0
71	GUNTERSVILLE	D-5	USWB	640	47	11.52	4.61	2.72	5.00	5.11	5.68	3.87	4.96	2.86	4.42	4.94	3.92	1.92	4.93	1.42	4.13	0.74	3.15	1.88	3.07	3.92	3.28	4.08	5.19	44.98	52.34	1.7
403	GUNTERSVILLE (R)	D-5	TVA	660	9	11.71	5.33	2.58	5.60	5.23	6.17	3.71	4.31	2.93	2.88	4.77	3.21	1.80	3.66	2.32	4.21	0.83	3.06	1.80	1.71	4.24	2.93	2.85	4.83	44.77	47.96	---
72	ALBERTVILLE	D-5	USWB	1114	22	11.99	5.15	2.65	4.88	5.75	6.29	5.39	4.66	2.61	4.21	6.56	4.24	2.09	5.01	4.06	4.41	1.08	3.17	1.31	3.27	5.67	3.72	2.84	5.36	52.00	54.37	1.9
482	BOAZ (R)	D-5	USWB	1010	10	10.86	4.90	2.30	5.99	5.06	6.27	4.67	4.85	2.72	3.25	4.98	3.93	3.90	4.12	3.42	4.51	2.09	3.23	1.55	1.84	4.98	3.40	2.92	4.90	49.45	51.19	---
482a	BOAZ	D-5	USWB	1010	10	PUBLICATION OF DATA STARTED NOVEMBER 1, 1947																				5.46		2.95		-----		---
524	SAND MT. STATE FARM	D-5	API	1195	18	11.57	5.52	2.44	5.97	5.66	6.81	4.31	4.81	2.93	3.31	4.00	3.93	2.62	3.60	5.03	4.74	1.04	3.24	2.67	2.54	6.38	3.70	3.41	6.17	52.06	54.34	2.0
483	COLLINSVILLE	D-5	USWB	825	10	13.80	5.63	2.42	6.94	5.70	6.72	5.26	5.08	2.62	3.76	3.20	3.46	2.40	4.53	2.42	3.85	0.44	3.03	1.93	2.08	6.39	3.56	3.03	5.00	49.61	53.64	1.0
515	LEESBURG	E-5	USWB	636	55	13.41	5.16	2.37	5.33	5.91	6.17	5.56	4.65	2.85	3.81	5.90	4.02	2.65	5.35	2.55	4.06	0.39	2.97	2.09	3.23	7.39	3.41	3.53	5.78	54.60	53.94	1.5
75	SOUTH HILL	D-5	TVA	980	13	14.20	6.52	2.95	6.12	5.82	6.16	4.50	5.27	3.52	3.76	3.87	3.74	4.17	4.65	3.96	4.24	0.88	2.84	1.91	2.47	5.04	3.35	2.89	5.05	53.71	54.17	1.8
79	FT. PAYNE (R)	E-5	USWB	920	7	9.93	4.77	2.34	5.55	4.76	6.81	4.41	4.21	2.02	3.61	4.25	3.11	1.18	3.80	2.44	2.92	2.58	3.42	2.47	2.40	4.90	3.28	2.87	5.94	44.15	49.82	---
79a	FT. PAYNE	E-5	USWB	920	13	10.94	6.18	2.40	6.02	4.94	6.41	4.02	5.04	2.90	3.23	4.15	4.08	1.29	4.41	2.54	3.75	2.79	2.66	2.79	2.37	5.45	3.09	2.53	4.75	46.74	51.99	---
80	VALLEY HEAD	E-5	USWB	981	63	12.05	4.85	1.73	4.84	5.02	5.65	2.85	5.08	3.21	4.26	3.48	4.29	3.05	5.01	2.01	4.56	1.84	2.55	2.81	3.45	5.62	3.16	#2.65	5.17	#46.32	52.87	0.2
386	SYLVANIA	D-5	TVA	1400	10	11.88	5.67	3.31	6.91	4.63	5.99	3.52	4.06	3.02	3.22	4.56	4.59	2.21	3.84	3.48	3.61	1.17	3.13	2.50	1.88	5.37	3.43	2.60	5.06	48.25	51.39	3.5
553	COMER BRIDGE	D-4	TVA	620	9	11.15	6.12	#2.67	6.34	4.12	5.51	3.52	3.69	2.15	2.80	4.05	3.52	3.05	5.16	1.75	2.78	0.95	2.97	1.70	2.18	2.60	3.43	2.23	4.20	#39.94	48.70	1.5
76	SCOTTSBORO	D-4	USWB	652	66	11.87	4.82	2.89	4.84	4.98	5.81	4.22	4.81	2.87	3.98	4.10	4.42	5.62	4.97	1.21	4.14	2.33	2.84	3.14	3.27	6.51	3.28	2.88	5.47	52.62	52.65	1.0
76a	SCOTTSBORO SUBSTA.	D-4	TVA	660	-	ESTABLISHED MAY 12, 1947								----		4.53		5.41		1.33		1.84		2.35		7.07		2.96		-----		---
387	FLAT ROCK (R)	E-4	TVA	1380	10	11.64	5.01	2.49	6.14	3.62	5.39	2.67	3.85	2.29	3.64	3.26	3.14	3.33	3.73	0.89	3.43	0.44	2.34	1.89	1.71	4.59	3.30	2.06	4.48	39.17	46.16	---
83	BRIDGEPORT	E-4	USWB	627	52	11.08	4.81	2.74	4.84	4.71	5.96	2.83	4.68	2.73	4.18	5.19	4.17	2.35	4.89	1.15	4.06	1.89	2.65	2.72	3.25	5.72	3.32	2.00	5.37	45.11	52.18	T
531	FRANKLIN STATE FOREST	D-4	TENN	1950	8	9.82	5.66	3.07	5.40	4.14	5.90	3.99	4.10	4.24	3.49	6.13	4.14	3.21	4.27	0.18	3.70	2.57	3.77	2.71	2.38	6.58	4.78	3.15	5.21	49.79	52.80	14.3
84	SEWANEE	D-4	TVA	1925	55	9.14	5.01	2.43	4.89	3.72	5.94	3.55	4.85	4.41	4.29	7.58	4.80	4.72	5.32	2.18	4.69	2.11	3.11	3.48	3.24	4.88	3.95	3.39	5.03	51.59	55.12	10.6
472	MONTEAGLE	D-4	USWB	1956	8	9.29	4.97	2.26	4.36	4.52	5.63	4.90	4.93	4.14	4.60	6.64	5.17	4.54	5.25	3.01	5.09	3.06	3.26	2.67	3.49	5.86	3.87	3.84	5.21	54.73	55.83	11.5
451	JASPER SUBSTA.	E-4	TVA	650	9	11.90	5.30	2.16	5.73	4.05	5.87	2.85	4.12	2.90	3.28	6.74	3.53	2.75	4.85	0.79	3.29	0.84	2.74	2.78	2.39	6.26	3.89	2.71	5.31	46.73	50.30	0.2
85	LOCKHART TOWER	E-4	TVA	2400	13	10.47	6.29	2.25	6.48	5.32	6.00	3.18	4.97	3.42	4.36	5.78	5.08	3.13	6.36	2.04	5.05	2.59	2.53	2.34	2.86	5.62	4.10	3.39	5.34	49.53	59.42	5.8
86	DUNLAP	E-3	TVA	720	28	10.94	5.57	2.37	4.89	4.04	5.05	3.02	4.75	3.65	3.40	2.96	4.20	2.14	5.45	2.11	4.29	1.94	3.14	1.46	2.84	5.02	3.34	3.00	5.02	42.65	51.94	0.8
438	CAGLE (R)	E-3	TVA	2030	9	10.38	4.81	1.86	5.02	4.43	4.93	3.08	3.97	3.76	3.26	3.78	3.44	2.61	4.45	1.08	4.19	1.21	2.83	1.14	2.37	4.24	2.92	2.70	4.74	40.27	46.93	---
389	COLLEGE JUNCTION	E-3	TVA	800	10	10.17	4.71	2.24	5.74	4.12	4.85	3.31	4.10	3.57	3.47	4.02	3.82	3.20	4.70	2.50	3.63	2.61	2.81	2.80	2.26	4.71	3.20	2.83	4.61	46.08	47.90	7.6
390	LITTON	E-3	TVA	980	10	10.28	4.69	2.35	6.15	3.62	4.87	3.16	4.17	4.18	3.83	3.73	3.76	2.50	5.80	3.26	4.31	2.47	3.37	2.01	1.81	5.19	3.48	2.38	4.87	45.13	51.11	7.4
452	HALES BAR DAM	E-4	TVA	690	9	10.96	4.68	2.50	5.26	3.82	4.92	2.50	3.80	2.50	3.12	6.87	3.81	2.27	3.85	0.97	2.59	1.33	2.59	3.07	2.15	4.93	3.21	2.39	4.59	44.11	44.57	---
669	RISING FAWN	E-4	TVA	-	1	10.53		1.88		4.05		3.12		2.79		2.55		2.99		2.57		1.99		2.47		4.38		1.64		40.96		---
667a	LOOKOUT MOUNTAIN NO. 2	E-4	USWB	2000	-	RE-ESTABLISHED OCTOBER 1, 1947																		3.51		7.01		2.55		-----		---
391	LOOKOUT MOUNTAIN	E-4	TVA	2100	19	12.55	5.47	2.46	5.66	5.09	5.48	2.94	3.94	4.36	4.00	6.94	4.14	1.52	5.15	2.39	4.17	1.60	3.16	3.47	3.00	7.32	3.64	3.85	5.15	54.49	52.96	4.5
628	FLINTSTONE	E-4	PRIVATE	809	5	----		2.44		----		3.32		2.46		5.01		1.44		3.31		1.10		3.79		6.72		2.32		-----		---
89	CHATTANOOGA	E-4	USWB	750	69	13.33	5.26	2.71	4.88	4.68	5.78	2.68	4.85	3.22	3.79	5.65	4.16	2.40	4.25	1.58	4.03	0.86	3.11	3.22	3.01	6.05	3.36	2.87	5.13	49.25	51.61	0.9
488	CHATTANOOGA AIRPORT (R)	E-4	USWB	689	10	12.28	5.26	2.56	4.88	4.40	5.78	3.33	4.85	2.56	3.79	4.63	4.16	2.10	4.25	1.10	4.03	1.37	3.11	4.68	3.01	5.94	3.36	3.10	5.13	48.05	51.61	T
566	CHICKAMAUGA PARK	E-4	USDI	789	7	11.84	5.72	2.89	6.24	4.70	5.64	3.12	4.22	3.35	3.58	5.96	3.75	1.08	6.19	6.10	3.89	0.67	3.84	3.82	2.82	6.24	3.69	#2.49	5.60	#52.26	55.18	---
82	LAFAYETTE	E-4	USWB	950	16	10.15	5.38	2.28	5.54	4.42	5.11	#5.28	5.47	2.58	3.51	4.60	4.83	2.03	5.18	3.65	4.56	----	3.36	----	2.48	6.58	3.02	#2.99	4.62	-----	53.06	0.7
82a	LAFAYETTE (R)	E-4	USWB	805	8	#9.85	5.36	1.80	5.17	4.90	6.06	3.80	3.67	2.37	3.10	4.42	3.89	1.96	4.97	3.69	4.64	----		----		5.98	3.30	----		-----		---
392	TUNNEL HILL	E-4	TVA	900	10	12.55	5.23	2.57	6.39	3.69	5.53	2.87	3.76	3.24	4.01	3.31	4.51	1.83	3.52	2.44	4.29	5.28	3.02	3.85	2.20	5.70	3.25	2.65	4.82	49.98	50.53	1.9
396	DALTON	F-4	USWB	800	11	12.03	6.45	2.16	5.62	4.64	5.62	2.99	5.00	3.18	4.19	3.86	4.36	1.22	5.19	1.04	4.89	3.51	3.00	2.52	2.46	5.42	3.29	2.79	4.94	45.36	55.01	0.5

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1947 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	CANEY FORK RIVER ABOVE ROCK ISLAND																															
88	ROCK ISLAND POWERHOUSE	E-3	TVA	813	44	9.89	4.76	1.90	4.51	3.11	5.77	2.46	4.25	2.61	4.15	5.35	4.40	3.69	5.24	0.92	4.24	1.40	3.66	1.58	3.03	4.17	3.40	3.51	4.79	40.59	52.20	10.5
88a	ROCK ISLAND (R)	E-3	USWB	813	8	7.63	4.14	1.96	4.89	2.83	4.41	2.26	3.55	2.20	2.89	5.10	3.25	2.98	4.86	0.79	3.35	1.44	3.78	1.51	2.18	3.89	3.56	3.10	4.66	35.69	45.52	---
665	SMITHVILLE	D-2	USWB	1073	4	7.29	5.38	1.35	4.57	3.03	5.99	2.54	4.56	3.24	3.94	4.01	4.57	5.56	4.93	1.36	4.63	1.31	2.91	0.87	3.11	3.75	3.81	3.53	4.41	37.84	52.81	14.2
439	OIBRELL	E-3	TVA	950	9	8.05	4.15	1.89	5.21	3.14	4.98	2.36	3.61	3.80	4.08	2.84	2.78	4.28	4.73	3.97	4.14	0.78	4.20	0.68	1.94	4.50	3.84	3.38	4.30	39.67	47.96	10.5
440	IRVING COLLEGE	E-3	TVA	1050	9	9.00	3.64	1.84	5.02	3.11	4.45	2.54	3.51	2.74	3.05	3.35	3.68	3.69	4.42	3.19	3.63	1.18	3.03	1.08	1.97	3.53	2.88	#2.67	3.89	#37.92	43.17	8.6
441	ALTAMONT	E-3	TVA	1920	9	12.19	4.89	2.18	6.10	4.28	5.54	3.99	4.58	3.58	3.78	3.96	3.96	3.17	4.13	3.05	4.24	3.07	3.74	0.90	2.31	5.61	3.66	2.92	5.38	48.90	52.31	9.8
87	MCMINNVILLE	E-3	USWB	1015	67	8.51	4.80	2.07	3.94	3.24	5.48	2.55	4.42	2.24	4.02	2.77	4.41	4.37	5.17	1.26	4.16	1.47	3.36	1.18	3.39	4.52	3.30	3.12	4.96	37.30	51.41	10.1
87b	MCMINNVILLE	E-3	TVA	900	7	9.15	4.90	1.96	6.28	3.27	4.90	2.39	3.56	2.25	4.09	2.81	3.52	4.30	5.50	1.91	3.54	1.73	4.45	1.30	1.96	4.54	3.77	3.20	5.14	38.81	51.61	12.3
442	TROUSDALE	D-3	TVA	980	9	9.66	3.95	2.28	5.59	2.79	4.75	2.22	3.56	3.67	3.46	4.02	2.94	6.87	4.49	1.99	4.34	1.38	3.72	0.75	2.04	4.48	3.58	3.56	4.38	43.67	46.80	---
443	SUMMITVILLE (R)	D-3	TVA	1120	9	9.05	4.40	1.86	5.94	2.89	5.38	2.81	4.00	3.59	3.71	3.36	2.88	4.49	4.53	4.42	4.28	1.30	3.39	1.03	2.03	5.08	3.48	3.01	4.41	42.89	48.43	---
437	ROCKY RIVER	N-3	TVA	900	9	9.43	4.28	1.47	5.56	3.53	5.15	2.79	3.89	2.99	3.66	3.41	4.44	3.73	5.12	3.99	4.78	1.12	3.70	1.27	2.20	4.01	3.12	2.48	4.25	40.22	50.15	9.4
432	SPARTA SUBSTA.	N-3	TVA	920	33	8.67	4.67	2.05	4.11	3.77	5.54	2.41	4.28	3.22	4.02	3.07	4.87	4.54	5.44	1.94	4.74	2.03	3.42	0.93	2.81	3.66	3.36	3.38	4.61	39.67	51.87	15.6
432a	SPARTA (NEAR)	E-3	USWB	900	8	8.70	5.01	2.46	5.59	3.75	4.50	2.51	3.64	4.21	3.86	4.08	3.23	5.39	4.44	0.81	4.36	1.15	3.92	0.85	2.05	3.79	4.03	3.61	4.43	41.31	49.06	---
433	TAYLORS	E-2	TVA	950	9	8.68	4.17	2.14	5.16	3.99	5.29	2.47	3.69	3.96	3.94	4.01	3.87	6.71	5.05	1.35	3.82	1.42	4.18	0.46	1.96	3.26	3.59	3.32	4.86	41.77	49.58	12.5
445	COOKEVILLE (R)	E-2	USWB	-	33	7.71	5.52	1.54	3.94	2.66	5.32	3.34	4.77	2.84	4.30	4.60	4.54	5.71	4.50	3.53	4.62	0.99	3.20	1.24	3.35	2.96	3.79	#3.21	5.11	#40.33	52.96	---
165	MONTEREY	E-2	USWB	2000	15	9.69	5.27	2.27	5.42	3.44	5.94	----	4.57	----	4.53	----	4.88	6.55	5.36	4.28	5.79	1.89	4.00	0.87	2.80	4.45	3.99	3.76	5.10	-----	57.65	---
434	EASTLAND	E-3	TVA	1750	32	9.88	5.46	2.18	4.92	4.19	6.34	2.70	5.18	4.35	4.20	3.99	5.21	5.11	5.76	4.20	4.87	1.52	3.86	1.71	3.36	4.16	3.29	3.58	5.40	47.57	57.85	21.0
670	DE ROSSETT	E-2	TVA	1250	1	10.49		2.07		3.33		DISCONTINUED MARCH 31, 1947																		-----		23.8
435	HERBERT	E-3	TVA	1660	9	#9.40	4.32	1.81	5.33	3.90	4.82	2.50	4.27	4.35	3.44	4.05	3.12	4.00	5.13	3.55	4.31	1.20	3.09	0.95	2.13	4.50	2.81	2.45	4.50	#42.66	47.27	18.5
436	FALLS CREEK PARK	E-3	TVA	1500	9	9.51	3.90	2.22	5.52	3.42	4.63	2.14	4.03	3.77	3.70	4.20	3.66	4.79	6.03	1.78	4.16	1.26	3.42	0.80	2.28	4.08	3.10	2.37	4.96	40.34	49.39	16.9
532	BLEDSOE STATE FOREST	E-3	TENN	1700	7	8.42	3.99	1.95	4.93	3.35	4.19	2.20	3.79	4.30	3.78	3.15	3.07	4.26	5.85	2.52	2.97	0.75	3.79	1.05	2.28	4.70	3.23	2.60	5.53	39.25	47.40	14.0
	TENNESSEE RIVER - WATTS BAR TO CHICKAMAUGA																															
90	CHICKAMAUGA DAM	E-4	TVA	700	12	13.30	6.19	2.68	5.45	4.30	5.31	2.69	4.74	2.09	3.85	4.87	4.06	1.59	4.98	1.30	3.37	0.83	2.53	3,38	2.72	6.39	3.26	2.72	5.35	46.14	51.81	---
430	OOLTEWAH	E-4	TVA	765	9	13.56	5.22	2.35	4.94	4.79	5.24	2.87	3.61	3.72	3.39	3.46	3.43	1.24	4.79	2.18	4.05	1.07	2.79	3.10	2.49	6.36	2.85	2.62	5.23	47.32	48.03	1.5
393	LEWIS CHAPEL	E-3	TVA	1850	10	10.21	5.46	2.63	6.39	4.73	6.01	3.71	4.77	4.68	3.77	3.81	4.36	2.42	4.69	1.33	4.17	2.78	2.89	2.94	2.10	5.87	3.90	3.78	5.42	48.89	53.93	6.6
420	MORGANTOWN	E-3	TVA	740	9	10.85	5.17	2.48	5.11	4.04	5.56	2.97	4.76	5.42	4.00	4.78	4.28	2.23	5.56	2.79	4.01	3.24	3.28	2.70	2.36	5.62	3.56	2.93	5.26	50.05	52.91	3.3
92	MORGAN SPRINGS	E-3	TVA	1900	13	10.96	6.84	2.18	5.77	4.37	5.66	3.92	5.24	5.23	4.40	4.36	4.35	3.03	5.73	3.77	5.50	2.59	2.83	4.90	3.61	6.12	4.16	3.17	4.97	54.60	59.06	4.5
646	OGDEN	E-3	TVA	1800	4	9.66		2.12		4.09		3.65		5.33		4.26		2.19		2.93		2.59		4.25		5.77		3.06		49.90		5.7
156	BREEDENTON	F-3	USWB	700	53	10.41	4.76	2.68	4.85	3.45	5.87	3.15	4.84	3.45	4.20	4.68	4.67	4.27	5.01	2.80	4.36	1.61	3.20	2.21	3.31	5.19	3.72	2.78	6.05	46.68	54.84	4.6
427	RIDDLES STORE	F-3	TVA	980	9	11.25	5.17	2.86	5.04	3.12	4.84	2.64	4.18	4.37	3.60	4.16	3.41	5.90	5.75	2.49	4.24	3.03	3.11	2.33	3.19	4.23	3.07	2.77	4.60	49.15	50.20	5.1
494	PORTER LAKE	F-3	TVA	725	8	10.99	5.43	2.66	4.82	4.03	5.18	3.01	4.43	6.14	4.00	4.07	3.71	2.75	5.01	1.74	2.78	1.68	3.23	3.19	2.87	4.99	3.77	2.75	5.07	48.00	50.30	3.5
	TENNESSEE RIVER - KNOXVILLE TO WATTS BAR																															
421	WATTS BAR DAM	F-3	TVA	800	9	10.75	5.02	2.35	5.00	3.40	4.92	2.97	4.33	5.92	3.92	5.53	3.84	3.93	5.40	2.31	2.96	1.65	3.04	3.02	2.59	4.88	3.39	2.99	4.78	49.70	49.19	---
157	RODDY (R)	F-3	TVA	800	13	10.43	5.53	1.89	5.32	3.42	5.06	3.39	4.46	5.11	3.93	4.44	3.42	3.22	5.72	2.20	3.34	0.93	3.05	3.58	2.80	5.06	3.48	2.83	4.99	46.50	51.10	---
479	ROCKWOOD	F-3	PRIVATE	910	27	10.78	5.01	1.80	5.40	3.69	5.24	2.26	4.40	5.88	4.12	4.05	4.09	4.01	5.13	2.03	3.81	1.77	3.63	2.58	2.28	4.58	4.16	2.85	5.18	46.28	52.45	5.5
170	LOUDON	F-3	USWB	840	57	10.57	4.38	2.72	4.36	2.89	5.03	2.91	4.62	4.46	3.77	3.22	4.58	3.24	4.33	2.77	4.44	3.12	3.38	2.45	3.13	4.19	3.44	2.49	5.62	45.03	51.08	---
490	FORT LOUDOUN DAM (R)	F-3	TVA	800	8	11.34	5.14	2.62	5.10	3.50	4.42	2.42	3.56	3.06	3.61	2.13	2.68	2.66	6.00	1.97	2.60	2.97	3.64	2.05	2.76	4.02	2.90	2.71	4.59	41.45	47.00	3.0
637	U. S. COTTON FIELD STA.	G-3	USDA	885	13	10.69	5.51	2.91	4.89	3.14	4.85	2.71	4.03	2.51	3.57	2.88	3.30	2.98	5.59	2.44	3.65	1.79	2.62	1.49	2.50	3.68	3.00	1.78	3.96	39.00	47.47	---
409	KNOXVILLE AIRPORT (R)	G-3	USWB	995	10	9.64	4.66	2.67	4.51	2.91	5.05	2.42	4.14	3.36	3.75	2.68	4.10	3.33	4.36	2.11	3.92	1.37	2.68	1.61	2.62	3.33	3.07	2.13	4.52	37.56	47.38	5.5
205	ALCOA	G-3	ALCOA	900	35	11.41	5.08	3.04	4.86	3.38	5.54	2.33	4.28	3.97	3.73	2.89	4.25	2.64	5.14	3.38	3.91	3.19	3.04	3.09	2.79	3.51	3.26	2.15	4.54	44.98	50.42	---
394	PROVIDENCE	G-3	TVA	1100	10	11.01	4.24	3.21	4.83	3.09	4.61	2.11	3.26	3.50	3.39	2.44	3.54	2.89	5.01	3.98	3.85	1.61	2.80	2.56	2.26	3.86	2.68	1.91	3.92	42.17	44.39	5.8
497	WALLAND	G-3	TVA	900	8	10.28	4.68	2.99	4.86	2.70	4.85	2.32	3.27	3.50	4.07	1.85	3.16	3.99	5.87	5.37	4.80	1.42	3.12	2.99	3.04	3.33	2.88	1.83	4.37	42.57	48.97	9.1
473	UNIV. TENNESSEE FARM (R)	G-3	U.T.	800	10	10.58	4.33	2.74	5.59	3.40	4.51	2.66	4.00	3.53	3.90	3.85	4.00	3.85	6.20	3.71	4.04	2.64	2.92	0.81	2.07	3.91	2.99	2.06	4.02	43.74	48.57	---
473a	UNIV. TENN. LYSIMETER PLOT	G-3	U.T.	850	28	10.51	4.42	2.51	4.79	3.18	5.01	2.66	4.29	3.61	4.04	3.85	4.27	3.69	5.30	3.75	4.44	2.69	2.90	0.72	2.63	3.67	3.29	2.02	4.72	42.86	50.10	---
647	LONSDALE SUBSTA.	G-2	TVA	877	4	10.63		2.55		3.45		3.08		3.64		3.46		4.55		4.21		3.10		0.77		3.68		2.23		45.35		3.1
207	KNOXVILLE	G-2	USWB	1035	77	10.54	4.66	2.33	4.51	3.13	5.05	2.69	4.14	3.23	3.75	3.22	4.10	4.60	4.36	3.28	3.92	2.74	2.68	0.74	2.62	3.77	3.07	2.23	4.52	42.50	47.38	---
651	UNIV. TENN. GEOLOGY BLDG. (R)	G-2	U.T.	974	77	8.00	4.66	2.85	4.51	2.95	5.05	2.65	4.14	3.06	3.75	3.28	4.10	4.24	4.36	3.26	3.92	2.69	2.68	0.72	2.62	3.49	3.07	2.60	4.52	39.79	47.38	5.0
658	KNOXVILLE UTILITIES BOARD	G-2	TVA	915	3	9.74		----		3.72		2.57		3.12		2.81		4.60		3.02		3.01		0.77		3.68		1.90		-----		---
653	WHITTLE SPRINGS	G-2	TVA	1000	3	9.20		----		----		3.06		3.25		3.84		4.22		1.62		3.03		2.57		3.71		1.88		-----		---
655	RITTA	G-2	TVA	1030	3	9.93		2.34		3.13		3.30		2.75		3.28		3.26		3.28		3.40		1.54		3.78		1.99		41.98		10.0
657	FOUNTAIN CITY	G-2	TVA	970	3	9.81		2.55		3.56		2.97		2.62		3.52		4.19		3.03		2.45		1.62		3.76		2.05		42.13		13.2
	CLINCH RIVER BELOW NORRIS DAM																															
158	KINGSTON	F-3	USWB	760	64	9.49	4.55	2.18	4.41	3.29	5.41	1.85	4.62	5.27	3.82	3.52	4.54	4.62	4.89	4.47	3.95	1.48	3.38	1.36	3.02	4.42	3.45	2.66	5.43	44.61	51.47	6.7
484	HARRIMAN (R)	F-2	TVA	810	29	10.15	4.30	1.84	4.90	3.45	5.64	3.19	4.70	6.79	3.92	3.96	4.20	2.81	5.97	3.85	3.49	1.27	3.14	2.30	2.58	4.09	3.54	2.66	4.62	46.36	51.00	---
419	OAKDALE	F-2	TVA	1020	9	10.12	4.55	2.07	4.84	3.86	4.97	3.23	4.48	5.39	4.36	4.25	4.11	3.57	5.68	2.38	4.58	0.92	2.47	2.28	2.46	3.73	3.33	2.74	4.28	44.54	50.11	11.5
606	MORGAN STATE FOREST	F-2	TENN	1100	6	10.42		2.40		3.90		4.30		5.46		2.88		3.75		2.35		2.27		3.10		2.77		2.95		46.55		---
167	PETROS	F-2	TVA	1400	13	11.72	6.03	1.87	5.57	3.80	5.35	3.16	4.80	7.12	4.59	3.72	4.20	4.12	5.59	2.72	5.27	1.80	3.33	3.48	3.14	4.14	4.10	3.12	5.13	50.77	57.10	7.2
160	PILOT MOUNTAIN	F-2	TVA	1240	13	#10.29	4.82	2.22	4.61	2.98	4.56	2.44	3.74	4.07	3.78	1.26	3.56	2.48	4.49	2.06	4.52	1.99	3.04	2.70	2.35	3.28	3.07	2.73	3.92	#38.50	46.46	16.0
485	SUNBRIGHT (R)	F-2	USWB	1480	8	9.09	4.23	2.50	4.54	3.21	4.51	2.76	3.30	5.21	3.62	1.51	4.49	2.58	4.05	1.69	4.19	1.12	3.07	1.08	2.24	2.72	3.32	2.57	4.04	36.04	45.60	---
164	CLARKRANGE	E-2	TVA	1800	13	8.78	5.08	1.67	4.57	3.06	4.61	3.14	3.97	3.08	3.68	3.31	3.70	4.77	4.76	3.45	4.15	1.14	3.00	0.77	2.23	3.56	3.52	3.57	4.11	40.30	47.38	26.8
159	HEBBERTSBURG	F-2	TVA	1800	13	8.53	5.07	2.07	5.31	3.68	4.76	3.17	4.49	4.79	3.95	3.86	3.67	2.95	5.52	3.88	4.75	1.32	2.97	1.66	2.69	3.56	3.49	2.91	4.61	42.38	51.28	21.0

(#) Interpolated or partly interpolated.   (R) Recorder at present.

ANNUAL 1947 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs.of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	CLINCH RIVER BELOW NORRIS DAM (CONT'D)																															
163	CROSSVILLE (NEAR)	F-3	USWB	1860	36	10.91	4.99	1.54	4.65	4.40	5.92	2.47	4.79	3.33	4.10	3.75	4.52	5.60	5.62	3.56	4.55	1.29	3.30	0.90	3.17	4.04	3.34	3.38	5.24	45.17	54.19	19.2
507	LANTANA (R)	E-3	TVA	1910	7	9.34	4.85	1.87	4.78	3.67	4.52	2.50	3.73	4.93	3.53	3.38	3.13	3.30	4.51	2.81	3.33	2.45	3.67	0.76	2.00	2.81	3.26	2.83	5.20	40.65	46.51	---
418	FRANKFORT	F-2	TVA	1460	9	STANDARD CAN GAGE INSTALLED OCTOBER 1, 1947																		1.08		2.96		2.48		-----		---
417	CROSSVILLE	E-2	TVA	1850	9	9.63	3.94	2.26	5.14	4.41	4.89	2.18	3.73	5.02	3.71	2.33	3.26	3.45	4.16	3.86	4.64	1.18	3.26	1.36	2.30	4.23	3.04	2.98	4.52	42.89	46.59	20.2
166	CONCROD	G-3	TVA	1000	13	9.74	4.90	2.04	4.61	2.63	4.52	2.53	4.59	3.13	3.46	2.12	3.14	6.23	5.43	2.40	2.73	2.16	2.58	0.67	2.10	3.16	3.06	2.39	3.88	39.20	45.00	7.7
508	PAULETTE	G-2	TVA	1050	7	9.27	4.85	1.84	4.77	2.60	4.71	3.09	3.48	2.76	3.34	2.35	3.23	2.44	4.96	3.65	3.92	2.05	3.82	1.76	2.78	3.95	3.27	2.29	4.19	38.05	47.32	8.9
676	OAK RIDGE (NEAR) (R)	G-2	M.C.CO.	900	-	ESTABLISHED APRIL 1, 1947						2.73		2.75		2.99		4.73		4.23		2.20		1.99		4.76		3.00		-----		---
169	CLINTON TVA NURSERY	G-2	TVA	850	64	10.24	4.69	2.21	4.58	3.14	5.51	3.17	4.50	3.27	3.68	4.14	5.16	4.20	5.00	4.68	4.57	1.62	3.18	1.67	2.77	4.30	3.39	3.47	5.32	46.11	52.35	8.1
424	LAKE CITY SUBSTA.	G-2	TVA	860	9	10.36	4.64	2.00	4.89	3.50	5.10	2.63	3.81	4.03	4.33	3.87	3.40	2.75	5.07	2.69	3.99	1.28	4.14	1.99	2.49	3.61	3.35	2.93	4.39	41.64	49.60	9.7
371	VASPER	G-2	TVA	990	10	9.99	4.73	1.70	5.34	2.87	4.80	2.23	4.11	4.72	3.74	2.77	3.57	3.04	4.64	4.63	4.18	1.92	3.22	1.35	1.84	4.16	3.42	3.62	4.58	43.00	48.17	8.1
322	NORRIS EVAP. STATION (R)	G-2	TVA	1020	13	9.48	5.22	1.76	4.84	3.09	4.85	2.58	4.09	3.46	4.10	4.18	3.77	2.61	4.10	2.61	3.29	1.77	2.77	1.94	2.48	3.53	3.34	#2.57	3.43	#39.58	46.28	---
323	NORRIS DAM	G-2	TVA	875	14	9.92	5.07	1.69	4.83	3.36	5.23	2.62	3.51	3.75	3.92	3.75	3.53	3.05	4.32	3.37	4.14	2.17	3.05	2.08	2.32	3.99	3.28	2.71	3.93	42.46	47.13	5.5
	CLINCH RIVER ABOVE NORRIS DAM																															
584	TURLEY	F-2	TVA	1400	6	7.39	4.99	1.70	4.73	2.83	4.81	3.41	3.69	4.54	5.15	3.66	4.53	5.17	4.31	3.63	5.55	2.06	3.72	1.76	2.69	4.38	3.55	2.83	3.94	43.36	51.66	19.5
523	ELK VALLEY (NEAR)	F-2	USWB	1250	7	9.67	4.39	1.74	4.59	3.39	4.36	2.40	3.53	4.06	4.00	2.68	3.72	6.14	5.86	3.73	5.63	1.39	3.68	1.32	2.37	3.54	3.41	2.04	4.11	42.10	49.65	---
325	LAFOLLETTE	G-2	TVA	1065	14	9.34	4.62	1.21	4.30	1.30	4.13	#2.39	3.87	3.16	3.51	2.31	4.28	6.63	5.16	3.51	4.86	1.41	2.72	1.36	2.10	3.87	3.04	2.28	3.58	#38.77	46.17	8.3
423	WESTBOURNE SUBSTA.	G-2	TVA	1340	9	10.29	4.16	1.50	4.19	3.37	4.54	2.60	3.80	4.33	4.27	3.57	4.20	7.30	5.84	1.74	4.18	2.00	3.14	1.77	2.47	3.65	2.87	2.11	3.90	44.23	47.56	26.8
326	○ WELL SPRING	G-2	TVA	1040	11	8.56	4.05	1.48	4.58	2.74	4.29	2.31	3.46	3.82	4.01	1.77	3.65	5.45	4.47	2.62	3.61	1.23	2.72	1.69	2.29	3.68	2.90	2.00	3.55	37.35	43.58	---
333	ARTHUR	G-2	TVA	1150	13	10.48	5.50	1.76	4.83	3.57	4.72	2.03	3.55	4.19	3.48	4.40	4.18	7.02	5.88	7.63	4.80	2.31	2.76	3.10	2.51	3.81	3.09	2.35	3.82	52.65	49.12	17.5
334	MIDDLESBORO	G-1	USWB	1128	57	9.13	4.43	0.73	4.20	2.36	5.30	2.90	4.38	4.02	4.05	3.45	4.56	7.17	4.84	4.55	4.17	1.18	2.61	2.06	2.49	2.11	3.37	2.13	4.47	41.79	48.87	22.0
334a	MIDDLESBORO AIRPORT (R)	G-1	USWB	1134	8	----		----		----		----		----		----		7.09		----		----		1.71		2.88		1.91		-----		---
338	ROSE HILL	H-1	TVA	1475	14	10.68	5.56	2.04	4.78	2.19	5.10	2.43	4.06	4.30	3.95	7.41	4.76	5.90	6.00	5.22	5.12	1.81	2.82	3.02	2.60	#4.10	3.23	2.68	3.63	#51.78	51.61	---
487	BAXTER (NEAR) (R)	H-1	USWB	1175	8	8.89	4.18	1.83	4.06	2.71	3.94	2.91	2.97	3.18	3.29	8.31	4.88	7.02	5.94	6.66	5.23	2.53	2.97	1.79	2.27	2.55	2.69	1.76	3.63	50.14	46.05	---
339	JONESVILLE	H-1	TVA	1400	13	10.43	4.98	----		----		----		3.47	3.60	7.26	4.78	5.72	5.95	8.30	4.96	----		2.97	2.44	3.05	2.77	2.19	3.74	-----		---
339c	JONESVILLE NO. 3 (R)	H-1	VPI	-	-	9.87		0.92		3.15		2.73		2.78		6.89		6.07		8.28		1.13		2.87		2.28		2.08		49.05		---
339b	JONESVILLE NO. 2	H-1	TVA	1375	-	10.73		1.83		3.38		2.45		2.98		6.46		4.90		8.92		1.75		2.18		3.37		2.18		51.13		23.9
340	PENNINGTON GAP	H-1	USWB	1386	17	10.29	5.33	1.96	4.54	3.29	5.53	2.76	4.32	3.00	3.29	6.66	4.33	4.22	5.83	5.93	4.09	1.74	1.73	1.67	2.71	3.61	2.67	2.14	4.14	47.27	48.51	45.0
341	OLINGER	H-1	TVA	1400	13	9.62	5.01	1.70	4.26	2.59	4.77	2.05	3.55	3.14	3.88	7.28	4.68	3.88	5.49	8.89	5.11	2.64	2.59	1.51	2.39	3.47	2.65	2.05	3.44	48.82	47.82	38.7
344	HIGH KNOB (R)	H-1	TVA	4150	13	8.16	5.49	0.64	4.56	2.37	5.26	3.33	4.08	2.56	3.93	6.51	5.53	5.21	6.48	9.51	6.69	3.78	3.03	1.86	2.88	2.29	2.81	1.74	3.29	47.96	54.03	---
342	DUNBAR, VIRGINIA	H-1	TVA	2000	13	8.61	4.74	2.02	4.11	2.76	4.69	3.31	3.92	3.20	3.91	6.93	4.82	4.60	6.09	8.85	5.34	1.49	2.53	1.28	2.55	3.48	2.87	1.87	3.28	48.40	48.85	50.8
327	WHITE HOLLOW (R)	G-2	TVA	1525	13	8.86	4.77	1.78	4.33	2.51	4.33	1.94	3.23	3.07	3.23	2.36	3.10	8.72	4.54	3.98	3.30	1.99	2.19	1.16	2.13	3.11	2.99	2.27	3.57	41.75	41.71	---
563	WALKERS FORD	G-2	TVA	1040	8	9.35	4.21	1.74	4.39	3.02	4.44	2.39	3.01	3.36	3.53	2.09	2.93	3.56	5.07	3.40	4.17	1.43	2.90	1.38	2.54	3.29	3.20	2.07	3.83	37.08	44.22	---
335	TAZEWELL, TENN. (NEAR)	G-2	TVA	1250	43	10.05	4.73	2.03	4.45	3.58	5.01	2.42	4.10	2.87	3.90	4.27	4.05	6.12	4.63	7.12	4.75	2.13	3.00	2.11	2.77	3.89	2.89	2.31	4.60	48.90	48.88	18.1
336	BIG SYCAMORE (R)	H-2	TVA	2300	13	8.90	4.60	1.82	4.18	3.55	4.57	2.09	3.32	3.29	3.39	7.41	3.74	5.99	5.07	5.61	4.16	1.87	1.91	1.19	1.94	2.88	2.40	2.22	3.33	46.82	42.61	---
673	THORN SILL	G-2	TVA	1430	1	9.31		2.15		3.32		2.22		3.71		5.94		6.94		3.01		1.38		0.97		3.21		1.81		43.97		17.5
348	CLINCHPORT	H-1	TVA	1275	50	10.49	4.14	2.12	3.99	4.05	4.75	2.10	3.53	1.85	3.57	4.60	4.23	2.90	4.86	6.22	4.52	2.08	2.94	2.12	2.46	3.46	2.70	2.45	4.12	44.44	45.81	31.2
349	DUNGANNON	J-1	TVA	2500	13	10.47	4.42	2.20	3.85	3.58	4.05	2.38	3.14	2.18	2.68	3.94	4.15	5.03	5.93	7.95	4.51	3.70	2.71	2.14	2.32	2.26	2.31	1.98	3.12	47.81	43.19	40.6
350	DANTE	J-1	USWB	1900	31	7.22	3.94	2.37	3.42	2.13	4.84	2.03	4.14	1.68	5.24	4.91	4.96	7.14	5.44	6.51	4.94	3.28	3.98	----	3.04	----	2.97	----	3.91	-----	50.82	---
350a	DANTE (R)	J-1	USWB	1900	8	6.97	3.20	2.09	2.86	2.92	4.13	2.45	2.65	----		4.57	4.73	6.70	6.15	6.78	4.99	2.22	2.53	1.78	2.28	----		----		-----		---
351	CLEVELAND	J-1	TVA	1540	14	8.62	3.89	1.77	3.58	3.35	3.96	2.59	3.12	2.99	3.27	5.34	4.41	2.89	5.95	7.54	5.99	3.51	2.97	1.56	2.55	----		1.55	2.88	-----		37.5
352	HONAKER (NEAR)	J-1	TVA	2150	13	7.97	3.80	2.66	3.60	3.81	3.87	2.98	3.14	3.23	3.47	4.97	4.65	3.17	5.52	7.36	4.97	2.87	3.15	2.00	3.04	2.47	2.66	#1.53	2.87	#45.02	44.74	55.2
614	HONAKER (R)	J-1	TVA	1950	6	8.35	3.81	2.10	3.86	3.23	3.69	2.39	2.64	3.38	3.93	3.27	3.86	3.98	4.22	6.86	4.53	2.57	3.20	1.20	2.49	1.73	2.24	1.37	3.07	40.43	41.54	---
355	SPRING CREEK (R)	K-1	TVA	3150	13	5.83	2.92	0.76	2.42	2.77	2.62	1.90	1.93	1.84	3.14	4.49	3.74	4.01	5.10	7.00	4.11	2.70	3.05	1.85	2.10	1.22	1.49	0.88	1.94	35.25	34.56	---
353	SWORDS CREEK	J-1	TVA	1900	13	8.50	3.76	1.65	3.39	3.26	3.86	2.58	3.30	3.44	3.82	3.87	3.97	5.61	5.71	8.03	4.71	2.54	2.82	1.06	2.56	1.65	2.14	1.29	2.61	43.48	42.65	52.5
356	JEWELL RIDGE	K-1	TVA	2750	13	7.89	3.66	2.64	3.42	2.64	3.81	2.91	3.10	3.35	3.58	3.27	4.78	3.46	5.56	7.69	4.62	1.98	2.73	1.76	2.85	2.41	2.52	1.36	2.59	41.36	43.22	57.5
357	TAZEWELL, VIRGINIA	K-1	TVA	2450	13	8.27	3.38	2.21	3.16	2.63	3.53	2.61	2.71	2.08	3.68	4.31	3.82	2.39	4.98	9.48	3.54	3.57	3.16	1.66	2.36	2.64	1.95	1.22	2.60	43.07	38.87	52.8
	HOLSTON RIVER																															
395	STRAWBERRY PLAIRS	G-2	TVA	900	10	9.76	4.08	2.21	4.94	3.23	4.21	1.81	3.28	4.64	3.79	1.72	3.24	3.69	4.70	3.87	3.21	4.51	3.03	1.16	2.02	3.39	2.80	1.62	3.55	41.61	42.85	7.4
289	JOPPA	G-2	TVA	1000	13	10.38	5.42	2.19	4.66	3.44	4.98	2.47	4.26	4.02	3.54	1.34	3.23	3.20	4.31	6.42	4.24	2.28	2.49	1.33	2.33	4.59	2.82	2.17	3.55	43.83	45.83	10.2
489	CHEROKEE DAM	G-2	TVA	1000	8	9.71	4.29	2.50	4.65	2.92	4.12	2.32	2.86	3.69	3.59	3.03	3.26	4.25	4.94	6.07	4.39	2.78	3.09	1.68	2.27	3.25	2.74	1.68	3.72	43.88	43.92	---
486	JEFFERSON CITY (NEAR) (R)	G-2	USWB	1200	28	9.14	4.16	2.43	4.02	3.36	4.21	2.19	3.62	3.69	3.54	2.47	3.71	5.72	4.90	4.26	4.28	3.12	2.47	0.85	2.75	2.93	2.40	1.77	4.23	41.93	44.29	---
579	CARSON NEWMAN EVAP. Sta.	G-2	TVA	1200	7	9.73	4.59	1.98	5.37	3.59	4.14	2.31	2.88	3.68	4.13	2.53	2.67	4.31	4.76	5.55	4.71	4.17	3.79	0.95	2.24	3.64	2.80	1.72	4.30	44.16	46.38	---
290	MORRISTOWN (NEAR)	H-2	TVA	1325	13	9.74	5.17	2.91	4.81	3.51	5.05	1.87	3.64	5.08	3.56	6.14	3.59	5.12	5.91	4.28	4.76	2.44	3.01	1.43	2.40	4.16	3.17	2.11	3.86	48.79	48.93	23.5
346	FLAT GAP	H-2	TVA	2000	13	9.64	5.02	2.54	4.49	3.42	4.33	2.73	3.45	2.78	2.92	5.77	3.30	5.14	5.13	5.00	4.42	1.99	2.52	1.11	2.27	3.89	2.76	2.17	3.65	46.18	44.26	16.6
291	ROGERSVILLE	H-2	USWB	1096	64	10.18	3.86	1.95	3.71	2.70	4.58	2.14	3.57	2.24	3.74	5.73	4.17	4.36	4.65	7.18	3.99	1.79	2.83	1.33	2.63	3.93	2.59	2.21	4.22	45.74	44.54	15.9
347	LITTLE WAR GAP	H-2	TVA	2000	13	9.44	4.77	1.84	4.15	3.68	4.92	2.18	3.61	2.57	3.07	5.81	3.60	5.66	5.55	8.17	4.11	1.46	2.71	1.54	2.33	3.16	2.63	2.13	3.57	47.64	45.02	19.6
516	STANLEY KNOBS (R)	H-2	TVA	1250	7	5.08	3.67	1.52	4.31	2.86	4.01	2.52	2.74	3.05	3.31	3.32	3.69	3.59	4.86	4.27	4.31	1.85	2.50	1.51	2.19	3.06	2.62	1.70	3.52	34.33	41.73	---
314	BIG KNOB (R)	J-1	TVA	3150	13	8.98	4.04	1.28	3.49	2.01	3.66	1.80	2.88	1.54	2.65	3.33	2.54	4.91	4.84	3.99	3.42	2.08	2.66	1.80	2.29	2.95	2.22	1.80	2.93	36.47	37.62	---
315	MENDOTA	J-1	TVA	1350	43	9.24	4.38	1.80	3.66	2.60	4.66	2.06	3.90	2.14	4.09	4.06	4.40	3.20	5.12	8.31	4.23	2.91	3.09	2.61	3.05	2.82	2.68	1.88	3.93	43.63	47.19	27.3
316	HOLSTON	J-1	TVA	3450	13	8.58	3.76	2.24	3.70	2.98	3.58	2.28	2.85	2.15	3.13	4.59	3.59	2.66	4.90	4.17	4.04	2.30	2.55	1.82	2.87	2.29	2.35	1.90	2.91	37.96	40.23	47.0
318	SALTVILLE	K-1	USWB	1735	33	8.25	3.72	2.32	3.72	3.00	4.41	2.06	3.68	2.03	3.89	6.93	5.09	3.24	4.72	8.56	4.25	4.46	3.24	2.66	3.08	3.06	2.52	2.21	4.29	48.78	46.61	44.1
318a	SALTVILLE	K-1	TVA	1725	8	8.49	3.60	1.18	3.07	2.57	3.40	1.93	2.27	2.07	4.13	6.43	3.93	3.02	4.08	8.00	4.76	4.25	3.40	2.54	2.28	2.51	2.18	1.80	3.20	44.79	40.30	40.8
320	BURKES GARDEN	K-1	USWB	3075	53	8.74	3.61	3.71	3.44	5.51	4.58	1.98	3.76	2.89	4.29	3.04	4.83	1.62	4.40	8.56	4.42	2.82	3.42	2.46	3.21	2.55	2.76	1.45	3.75	45.33	46.47	89.5
535	KINGSPORT RESERVOIR	J-2	TVA	1870	7	9.31	3.94	2.66	4.12	2.43	3.94	2.21	2.57	1.78	2.72	5.95	3.63	2.18	4.24	5.07	4.12	2.34	3.31	1.86	2.09	4.23	2.74	1.84	3.62	41.86	41.04	28.5
293	KINGSPORT	J-2	USWB	1270	26	8.84	3.65	2.10	3.80	2.72	3.81	1.88	3.47	2.01	4.09	5.27	3.83	3.72	5.10	5.55	4.29	2.32	2.72	2.19	2.62	4.16	2.45	1.76	3.96	42.52	43.79	23.7

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1947 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	HOLSTON RIVER (CONT'D)																															
376	TRI-CITY AIRPORT (R)	J-2	USWB	1545	8	8.22	3.65	1.92	3.80	2.45	3.81	2.28	3.47	2.43	4.09	6.06	3.83	4.11	5.10	4.95	4.29	3.74	2.72	1.31	2.62	3.66	2.45	1.49	3.96	42.62	43.79	32.4
495	BRISTOL	J-2	TVA	1750	29	8.57	2.92	2.36	3.46	4.13	4.14	2.10	2.92	3.48	3.44	5.28	4.22	3.27	5.02	3.05	3.75	4.28	2.71	1.77	2.07	3.35	2.68	1.48	3.40	43.12	40.73	37.9
307	WALLACE (NEAR)	J-1	TVA	1980	13	8.16	4.15	2.25	3.42	2.90	3.07	2.73	2.51	3.17	2.84	4.30	3.55	2.74	4.86	3.26	4.05	3.52	3.14	2.40	2.31	2.67	2.20	1.49	2.64	39.59	38.74	40.0
306	BLUFF CITY	J-2	TVA	1440	53	8.33	3.66	1.52	3.62	2.97	4.37	2.56	3.32	3.56	3.73	5.17	4.06	3.45	5.48	5.77	4.43	4.16	2.98	1.64	2.59	3.50	2.41	1.25	3.50	43.88	44.15	27.5
308	CRANDULL	J-2	TVA	3060	13	8.51	4.49	2.03	4.10	----		3.53	3.58	4.17	4.68	6.18	4.50	4.91	6.42	5.63	5.00	4.79	3.85	1.96	2.96	3.72	2.80	0.98	3.38	-----		---
616	MCQUEENS KNOB (R)	J-2	TVA	3885	6	6.69	4.08	2.40	4.19	2.48	3.67	3.04	3.26	2.93	4.04	5.82	4.18	4.58	4.45	4.69	3.93	4.37	4.61	1.73	2.40	2.73	2.71	1.17	3.16	42.63	44.68	---
604	ABINGDON	J-1	TVA	2000	6	9.30	4.10	1.42	4.14	3.17	3.83	2.36	3.08	3.28	4.34	4.87	3.10	3.58	3.86	9.71	5.23	3.14	3.55	1.97	2.50	2.89	2.53	1.79	3.22	47.48	43.48	39.5
492	MEADOWVIEW	J-1	TVA	1860	8	8.36	3.37	1.52	3.37	3.15	3.54	2.62	2.31	2.16	3.90	5.22	4.17	2.76	4.35	3.84	4.39	2.77	2.80	1.91	1.86	2.54	2.13	1.13	2.78	37.98	38.97	37.0
317	EMORY	J-1	USWB	2205	23	8.40	3.89	1.90	3.59	#3.10	4.68	2.98	3.61	1.39	3.98	4.52	3.86	3.73	4.60	3.15	5.21	2.83	2.68	2.12	2.68	2.39	2.30	1.53	3.33	#38.04	44.41	49.0
312	MARION	K-1	TVA	2200	41	7.15	3.29	1.52	3.41	2.35	3.81	2.64	3.06	2.65	3.91	4.43	4.76	2.94	4.72	8.47	4.36	4.25	2.91	2.34	2.50	3.39	2.30	1.31	2.86	43.44	41.89	40.0
613	GROSECLOSE	K-1	TVA	2550	6	6.89	3.59	2.39	3.52	2.84	3.60	2.62	2.70	3.78	4.84	3.14	3.10	2.18	4.19	5.48	4.20	4.80	4.34	3.68	2.57	3.77	2.55	1.11	3.00	42.68	42.20	50.0
313	WYTHEVILLE	K-1	USWB	2299	74	6.00	3.08	1.34	2.99	2.23	3.44	2.91	2.99	2.81	3.66	3.87	4.20	1.37	4.00	7.30	4.19	3.03	3.30	3.57	2.84	3.36	2.14	0.87	2.92	38.66	39.75	37.0
309	DAMASCUS	K-1	USWB	1950	21	8.19	3.11	2.08	3.57	2.89	4.13	2.98	3.60	2.70	4.28	4.76	3.96	3.50	5.48	5.27	4.52	4.86	3.20	3.12	2.48	3.44	2.29	0.95	2.66	44.74	43.28	35.7
675	WHITETOP MOUNTAIN	K-1	TVA	5470	-	ESTABLISHED APRIL 10, 1947						----		3.51		5.19		3.19		9.52		3.75		4.68		4.69		0.73		-----		----
310	LOVES MILL	K-1	TVA	2060	13	8.22	3.88	1.74	3.25	2.75	3.39	2.96	2.82	2.20	3.97	5.45	3.87	2.96	5.23	7.49	4.60	3.12	3.09	2.07	2.34	3.02	2.13	1.16	2.67	43.14	41.24	38.3
311	TROUT DALE (R)	K-1	USWB	3120	13	6.84	4.02	1.32	3.54	3.14	4.24	2.94	3.42	2.64	4.40	4.83	4.16	2.80	5.83	8.61	5.03	2.85	3.78	4.10	2.78	4.23	3.22	1.10	3.06	45.40	47.48	---
408	SUGAR GROVE	K-1	USFS	2680	9	5.96	3.22	1.14	3.27	2.82	3.34	2.87	2.78	3.05	4.07	3.91	3.94	1.67	5.23	10.20	4.70	3.61	2.80	3.74	2.12	3.45	2.03	1.01	2.70	43.43	40.20	---
294	CEDAR CREEK	J-2	TVA	1750	13	8.52	4.20	3.03	3.79	3.05	4.33	1.87	3.00	2.71	3.14	4.87	3.47	2.28	5.60	6.72	3.45	2.62	3.20	1.77	2.47	3.73	2.46	1.22	3.12	42.39	42.23	32.4
416	JOHNSON CITY VETERANS HOSP.	J-2	TVA	1730	31	8.60	3.45	2.47	3.40	3.44	4.11	2.05	3.19	4.17	3.87	5.96	4.05	2.79	4.75	5.07	4.26	3.05	2.90	1.73	2.55	3.76	2.39	0.91	3.38	44.00	42.30	22.1
295	ELIZABETHTON NO. 2	J-2	TVA	1512	57	8.13	3.42	1.90	3.31	2.75	4.25	2.25	3.30	4.10	4.18	4.85	4.93	3.89	5.19	6.63	4.46	2.66	2.95	1.40	2.57	3.41	2.18	0.82	3.30	42.79	44.04	29.4
225	STONE MOUNTAIN	J-2	TVA	2590	14	9.25	4.92	2.31	4.70	2.54	5.14	2.64	3.62	4.62	3.96	8.30	4.53	4.91	7.09	5.10	4.47	3.29	3.32	1.49	2.86	5.94	3.13	0.79	3.25	51.18	50.99	35.1
296	WILBUR HYDRO POWERHOUSE	J-2	TVA	1630	20	7.88	3.96	1.72	3.80	3.90	4.91	2.87	3.78	4.17	4.76	6.97	4.37	4.12	6.40	6.56	4.38	2.35	3.15	2.22	2.76	4.64	2.59	1.18	3.19	48.58	48.05	43.0
596a	WATAUGA DAM	J-2	TVA	1760	1	7.85		1.53		2.88		2.63		4.96		6.66		3.51		6.21		2.74		2.46		4.30		0.84		46.57		28.4
297	COLESVILLE	J-2	TVA	2140	13	9.40	4.06	2.98	4.02	3.80	3.81	2.77	2.59	3.54	3.57	4.99	4.10	3.71	5.20	7.24	4.68	3.17	3.54	1.49	2.42	3.98	2.68	1.29	3.21	48.36	43.88	39.7
491	BUTLER (R)	J-2	TVA	1830	8	8.45	3.67	1.84	2.90	3.15	3.58	2.37	2.48	3.38	3.80	4.32	4.14	4.18	6.24	6.80	3.41	2.85	3.38	2.02	2.04	4.56	2.52	0.79	2.95	44.71	41.11	---
645	MAYMEAD	K-2	TVA	2250	4	7.11		2.12		3.52		2.46		2.72		5.58		2.93		3.46		3.26		3.00		4.79		0.72		41.67		36.5
609	TRADE	K-2	TVA	3530	6	STANDARD CAN GAGE INSTALLED OCTOBER 1, 1947																		5.32		6.58		0.82		-----		---
301	MOUNTAIN CITY	K-2	TVA	2410	39	8.43	3.79	2.10	3.53	3.56	4.28	2.82	3.50	2.40	4.07	5.95	4.65	4.43	5.87	4.90	4.86	3.33	3.12	2.81	2.68	4.05	2.25	0.57	3.29	45.35	45.89	38.7
304	PARKER	K-2	USWB	3950	30	8.25	4.20	3.56	3.50	3.92	4.60	2.96	3.90	3.58	3.90	5.95	5.90	4.67	5.20	10.85	5.80	4.02	3.60	4.33	3.30	5.61	2.20	1.09	3.60	58.79	49.70	64.9
305	JEFFERSON	K-2	USWB	2900	42	7.22	3.20	1.42	3.40	3.55	4.20	2.51	3.80	4.58	4.40	4.44	5.00	3.87	4.90	5.86	5.20	4.62	4.20	9.11	3.90	5.84	2.60	0.94	4.20	53.96	49.00	35.0
298	ODOMVILLE	J-2	TVA	2760	13	8.30	3.89	1.91	3.83	3.25	4.02	2.51	3.00	2.86	3.99	6.21	4.49	3.68	7.00	6.00	4.34	3.73	3.47	2.78	2.78	4.08	2.73	1.05	2.83	46.36	46.37	32.1
299	BANNER ELK	J-2	USWB	3720	41	7.62	3.72	1.65	3.78	2.43	5.33	2.16	4.24	1.66	4.85	7.09	5.37	3.42	6.26	8.82	5.85	4.42	4.43	7.81	4.91	8.26	2.60	----	4.59	-----	55.93	39.0
300	REESE	J-2	TVA	3320	13	7.52	3.85	2.20	3.90	3.67	4.02	1.80	3.14	3.81	4.46	6.54	4.10	3.02	6.45	6.84	4.52	2.18	3.54	4.89	3.08	4.78	2.82	1.04	2.92	48.29	46.80	52.5
607	MAST	K-2	TVA	2670	6	6.37	3.98	1.60	3.74	2.88	3.72	1.67	2.87	2.77	3.75	8.41	3.75	3.75	4.86	4.15	2.67	3.75	4.33	5.45	2.90	4.76	2.64	0.97	3.10	46.53	42.31	37.4
302	SNAKE MOUNTAIN (R)	K-2	TVA	5575	13	5.30	2.57	0.75	2.03	1.19	2.23	1.92	2.33	2.66	3.44	5.32	3.75	2.99	5.89	5.37	4.35	2.85	3.19	5.32	2.63	3.60	2.25	0.79	1.69	38.06	36.35	---
303	BOONE	K-2	USWB	3332	19	6.31	3.64	1.39	3.15	3.33	5.03	3.41	4.40	3.89	4.59	6.17	5.93	2.46	6.05	4.28	6.18	5.04	4.23	11.05	6.02	7.81	2.94	1.19	5.24	56.33	57.40	33.0
632	BLOWING ROCK	K-2	USWB	3600	5	7.54		1.45		4.51		2.17		3.66		9.05		4.07		5.72		4.29		10.00		6.15		1.77		60.38		44.8
	HIWASSEE RIVER BELOW HIWASSEE DAM																															
93	BIG SPRING	F-3	TVA	750	14	12.26	6.08	2.87	5.33	3.62	5.07	3.13	4.84	4.50	3.89	4.95	4.05	3.64	5.12	2.22	4.47	1.51	2.75	2.02	2.86	5.64	3.28	2.80	4.63	49.16	52.37	T
429	CLEVELAND SUBSTA.	F-4	TVA	880	9	11.58	5.25	2.79	5.17	3.68	5.42	3.00	3.84	3.95	4.10	4.75	3.45	2.34	4.22	1.87	3.32	2.14	2.97	3.27	2.66	5.46	3.24	2.73	5.17	47.56	48.81	T
98	CHARLESTON	F-4	TVA	730	64	12.70	4.97	2.96	4.97	4.03	5.71	1.96	4.63	3.21	3.94	6.38	4.67	2.63	4.69	1.00	4.01	1.76	2.88	2.55	2.98	3.92	3.33	2.49	4.97	45.59	51.75	---
428	ATHENS SUBSTA.	F-3	TVA	940	9	13.06	5.33	2.76	4.87	3.39	5.11	2.83	3.90	4.24	4.03	4.82	3.51	4.50	5.02	2.97	4.84	2.96	3.51	2.16	2.92	4.51	3.06	2.60	4.72	50.80	50.82	3.4
C17	NEW BETHEL (R)	F-3	TVA	900	3	12.28		2.92		3.50		3.21		3.57		5.75		2.15		3.30		2.46		2.44		4.29		2.28		48.15		---
C19	DOUBLE SPRINGS (R)	F-3	TVA	820	3	12.73		2.79		3.42		2.53		4.42		5.36		3.47		2.43		2.36		2.00		4.22		2.57		48.30		---
C11	ENGLEWOOD	F-3	TVA	820	3	12.70		2.85		3.10		2.55		3.42		4.90		4.22		2.50		4.23		1.85		4.21		2.42		48.95		---
C5	HICKORY GROVE (R)	F-3	TVA	1040	3	12.09		3.13		3.37		3.01		5.44		4.27		3.45		3.37		4.39		2.75		3.52		3.34		52.13		---
C7	GUDGER (R)	F-3	TVA	930	3	12.71		3.20		2.95		2.84		3.88		3.97		3.05		2.98		4.47		2.61		3.76		2.65		49.07		---
99	PARKERSVILLE DAM	F-4	TVA	750	22	12.97	4.74	2.41	4.68	3.51	5.52	3.07	4.30	3.17	4.08	6.65	4.98	3.08	4.88	2.85	3.88	0.86	2.91	3.94	2.70	4.90	3.20	2.57	4.62	49.98	50.49	---
627	CONASAUGA (NEAR) (R)	F-4	USED	775	5	12.56		2.46		3.69		3.76		2.62		4.16		1.72		2.96		1.04		3.95		4.65		2.76		46.33		---
100	OCOEE NO. 2 POWERHOUSE	F-4	TVA	860	33	12.08	4.89	2.06	4.56	4.00	5.59	2.25	4.37	5.31	4.09	5.17	4.20	2.40	5.31	2.18	4.22	1.26	3.07	2.96	3.07	4.58	3.50	2.27	4.76	46.52	51.63	0.6
101	SASSAFRAS KNOB (R)	F-4	TVA	3300	14	13.99	6.44	2.04	5.66	4.11	5.83	2.55	5.03	5.26	4.14	4.36	4.15	3.79	5.94	3.18	4.74	4.01	2.91	3.74	3.00	4.58	3.58	3.08	5.04	54.69	56.46	---
502	BOYD GAP (R)	F-4	TVA	1520	8	13.84	5.66	2.03	5.58	3.50	6.27	2.07	3.27	4.13	3.90	5.02	5.05	4.37	5.56	3.12	4.50	0.18	2.75	2.50	2.52	4.47	3.08	3.04	5.30	48.27	53.44	---
501a	DUCKTOWN (R)	F-4	TVA	1600	8	12.69	4.85	2.02	4.66	3.66	5.35	2.55	3.23	3.66	3.82	5.22	4.97	5.13	4.93	2.82	3.88	1.75	2.71	2.26	2.38	4.28	2.81	2.67	4.58	48.71	48.17	---
106	ISABELLA (R)	F-4	TVA	1780	14	13.04	5.69	2.00	4.82	3.75	5.70	3.17	4.32	4.01	3.75	5.84	4.15	4.94	5.60	2.60	3.85	3.42	2.57	2.25	2.57	4.93	2.95	3.07	4.28	53.02	50.25	---
107	COPPERHILL	F-4	USWB	1624	34	14.18	5.28	2.36	4.70	4.41	5.28	3.67	4.95	3.63	4.09	5.50	4.22	4.58	5.22	4.52	4.34	1.64	3.41	2.67	2.90	5.50	3.22	3.31	5.96	55.97	53.57	2.0
431	COPPERHILL NO. 2 SUBSTA.	F-4	TVA	1600	12	14.34	6.34	3.09	5.43	4.46	5.94	3.72	4.60	3.78	3.66	4.97	4.65	4.60	6.18	3.36	4.44	2.38	2.96	2.60	2.50	5.15	2.84	3.26	5.06	55.71	54.60	0.5
109	FLAT TOP (R)	F-4	TVA	3650	14	19.50	10.02	2.63	8.52	5.34	8.34	5.63	6.81	5.93	5.50	7.14	5.94	3.05	8.10	1.74	5.93	0.68	3.79	3.85	3.62	7.78	5.55	5.63	7.57	68.90	79.69	---
110	BLUE RIDGE RES. DAM	F-4	TVA	1560	27	13.90	5.69	2.57	5.20	4.60	5.93	3.66	5.09	3.18	4.57	3.69	4.21	2.42	5.37	2.05	4.12	0.45	2.81	2.83	2.60	5.32	3.45	3.78	6.16	48.45	55.20	1.0
111	STANLEY GAP (R)	F-4	TVA	2300	14	14.48	7.15	2.54	6.24	4.69	6.35	4.68	5.55	6.75	4.01	3.80	4.20	2.73	5.69	0.70	4.75	1.34	2.59	4.21	2.61	5.81	3.87	3.80	5.46	55.53	58.47	5.8
112	NOONTOOTLA CREEK	F-4	TVA	2050	14	13.16	6.67	2.11	6.32	5.69	6.76	4.46	5.51	6.53	4.51	5.50	4.39	2.21	5.98	1.93	5.28	2.04	2.94	6.21	3.07	6.13	3.36	3.95	5.03	59.92	59.82	5.7
633	DIAL POST OFFICE	F-4	TVA	1900	5	STANDARD CAN GAGE INSTALLED OCTOBER 1, 1947																		4.16		5.86		3.57		-----		---
115	SUCHES	G-4	TVA	2800	14	#13.41	7.85	2.60	7.28	4.67	7.60	6.27	6.53	6.42	5.30	5.68	4.85	0.79	6.65	3.65	6.49	1.67	4.05	10.38	4.33	7.67	5.32	5.18	6.52	#68.39	72.77	7.1
120	COKER CREEK	F-4	TVA	1650	14	13.28	6.07	2.28	5.48	4.24	6.04	2.55	4.69	5.64	4.24	4.95	4.28	4.83	5.58	4.91	4.39	2.17	2.56	2.43	2.50	3.61	3.37	3.49	4.44	54.38	53.64	5.7
638	APALACHIA POWERHOUSE	F-4	TVA	880	5	14.14		2.23		3.93		2.60		4.87		4.71		2.98		4.12		2.28		2.84		4.10		2.69		51.49		---
575	FARNER	F-4	TVA	1550	7	13.52	5.84	2.40	6.25	4.26	6.13	2.45	3.99	5.61	5.33	4.11	4.10	4.21	5.93	2.51	3.55	3.03	3.38	3.84	3.01	4.48	3.48	2.81	5.45	53.23	56.44	3.7
121	TURTLETOWN	F-4	TVA	1600	14	14.30	6.17	2.58	5.82	4.46	6.33	2.47	4.66	4.99	4.31	4.84	4.30	4.13	5.67	3.49	4.19	2.80	2.60	3.16	2.81	5.16	3.27	3.25	4.60	55.63	54.73	3.4
575a	APALACHIA DAM (R)	F-4	TVA	1176	6	13.52	5.74	2.45	6.35	4.14	6.48	2.50	3.76	5.23	5.01	4.05	3.54	5.03	6.20	4.89	4.34	3.85	4.23	2.85	2.81	4.18	3.36	3.01	5.30	55.70	57.12	---

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1947 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs.of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	HIWASSEE RIVER ABOVE HIWASSEE DAM																															
125	HIWASSEE DAM (R)	G-4	TVA	1500	11	13.01	5.27	2.18	5.49	3.73	5.77	3.13	4.21	3.04	4.07	3.04	4.61	4.04	5.40	2.79	3.60	3.23	2.49	1.63	2.11	3.58	2.88	3.15	4.44	46.55	50.34	---
125a	HIWASSEE DAM NO. 2	G-4	TVA	1310	8	12.42	5.53	1.84	5.55	3.77	6.14	3.36	3.69	3.28	4.27	3.32	3.98	4.47	5.20	2.98	3.70	3.28	2.94	1.99	2.36	3.09	2.94	3.03	4.90	46.83	51.20	---
126	BEAVERDAM CREEK	G-4	TVA	2100	14	16.11	7.42	3.05	6.45	4.58	7.32	3.84	5.60	5.70	4.83	4.87	4.93	6.37	7.14	3.79	5.85	1.40	3.42	3.34	3.29	4.34	4.11	4.43	5.77	61.82	66.13	11.1
127	LETITIA	G-4	TVA	1800	11	13.80	5.63	2.45	5.89	4.91	6.14	3.95	4.47	3.73	4.34	6.46	4.73	3.45	5.86	5.63	4.49	2.36	2.76	2.57	2.50	5.51	3.20	3.63	4.88	58.45	54.89	6.8
129	SWEET GUM (R)	F-4	TVA	1800	14	13.02	6.07	2.57	5.39	4.12	5.60	3.57	4.97	3.93	3.47	5.94	4.16	2.57	4.99	1.86	4.20	1.70	2.55	2.50	2.18	5.46	3.02	3.33	4.51	50.57	51.11	---
573	NOTTELY DAM	G-4	TVA	1740	7	11.92	5.77	2.82	5.77	4.34	5.93	3.10	3.50	3.99	4.54	3.55	3.30	2.79	4.16	2.57	3.84	0.99	2.80	2.62	2.37	4.44	2.75	3.39	4.87	46.52	49.60	4.5
131	HEMPTOWN GAP	G-4	TVA	2100	14	12.21	5.74	2.21	5.31	4.43	5.58	3.09	4.66	3.19	3.86	5.08	3.65	1.59	5.63	4.59	4.57	1.84	2.50	2.59	2.51	4.59	2.95	2.86	3.99	48.27	50.95	7.4
133a	BLAIRSVILLE NO. 2	G-4	TVA	1820	1	10.18		2.22		5.00		3.22		3.91		5.44		2.17		2.72		1.78		4.70		4.04		3.85		49.23		---
133	BLAIRSVILLE	G-4	USWB	1938	15	10.27	5.82	1.93	5.48	#4.62	5.38	3.26	4.01	2.92	4.19	3.98	3.77	1.96	5.19	2.60	4.51	2.40	3.10	4.16	3.19	4.61	3.02	3.40	5.28	#46.11	52.94	5.3
570	CHOESTOE	G-4	TVA	1900	7	10.45	6.66	2.72	6.35	4.28	7.04	3.57	4.64	4.90	4.97	4.10	3.74	1.50	3.99	1.60	3.74	2.89	3.95	6.01	3.32	4.70	3.41	3.92	4.33	50.64	56.14	---
135	NEEL GAP (R)	G-4	TVA	3300	14	----		2.28	6.46	3.94	6.54	4.78	5.53	4.66	4.17	4.35	4.20	1.09	5.83	3.18	7.05	1.99	3.97	8.32	3.82	5.93	4.32	3.48	5.76	-----		---
136	MURPHY EVAP. STA. (R)	G-4	TVA	1575	73	13.54	5.60	2.58	5.59	4.10	6.25	3.48	4.78	3.17	4.06	4.11	4.99	5.31	5.68	4.55	5.14	2.15	3.20	4.24	3.05	4.18	3.66	3.28	5.25	54.69	57.25	---
138	TOMOTLA	G-4	TVA	1575	12	14.82	6.61	2.15	6.11	4.95	5.97	2.86	5.02	4.65	4.09	4.36	4.00	6.32	7.23	2.13	4.97	1.75	2.94	2.99	2.58	4.01	2.91	4.02	4.87	55.01	57.30	3.0
140	HYATT CREEK	G-4	TVA	2500	14	17.10	7.65	2.63	7.38	4.96	7.91	3.69	5.96	8.75	5.55	6.16	5.42	5.26	7.47	3.64	6.52	0.71	3.52	5.82	3.92	6.36	3.85	3.67	6.33	68.75	71.48	12.5
141	ANDREWS	G-4	USWB	1815	39	15.94	5.40	3.00	5.50	4.78	6.60	4.45	4.70	5.08	5.00	5.33	5.10	4.40	6.10	4.82	5.00	3.29	3.80	3.17	3.40	4.37	4.00	3.89	6.80	62.52	61.40	9.7
362	TEYAHALEE BALD (R)	G-4	TVA	4750	10	16.34	6.74	3.04	6.55	4.98	6.84	3.91	4.89	4.92	4.71	5.42	5.46	3.56	7.15	4.75	5.02	2.55	3.88	3.73	2.50	5.90	4.30	4.17	5.51	63.27	63.55	---
400	BRASSTOWN	G-4	USFS	1640	10	12.42	5.15	2.60	5.83	4.29	5.71	3.36	3.69	3.57	3.54	4.89	4.11	4.34	5.93	5.09	4.19	1.44	2.64	3.21	1.99	4.14	2.97	3.55	4.41	52.90	50.16	---
146	YOUNG HARRIS	G-4	TVA	1920	11	STANDARD CAN GAGE INSTALLED OCTOBER 1, 1947																		4.07		3.95		3.01		-----		---
147	BRASSTOWN BALD (R)	G-4	TVA	4780	14	10.70	6.60	1.20	5.47	4.82	6.43	4.60	5.47	4.40	4.27	5.92	4.23	2.41	6.17	4.48	6.13	1.99	3.99	8.27	4.02	4.61	3.65	3.28	5.01	56.68	61.44	---
144	ANDREWS P.P.	G-4	NP.CO.	1670	17	10.80	4.80	1.62	4.44	2.69	4.86	3.53	4.08	3.16	3.03	3.95	3.74	5.86	6.07	3.92	3.99	1.06	2.34	2.89	2.36	3.34	2.39	2.61	3.58	45.43	45.68	---
572	CHATUGE DAM	G-4	TVA	1930	7	12.10	5.99	2.32	5.83	4.21	5.87	2.56	3.77	2.73	4.73	4.07	3.16	4.35	4.74	3.62	3.39	2.39	3.62	2.40	2.57	4.12	2.74	3.17	4.55	48.04	50.96	---
152	GLADE GAP (R)	G-4	TVA	3800	14	13.15	6.77	2.14	6.07	5.01	6.37	3.02	4.97	3.50	4.33	6.40	4.42	4.47	7.33	7.89	5.76	0.66	3.38	5.45	3.25	4.91	3.51	3.69	4.96	60.29	61.12	---
153	LITTLE HIGHTOWER	G-4	TVA	2150	14	9.91	5.71	2.10	5.32	4.44	6.50	4.85	5.34	4.25	4.06	5.78	4.31	3.22	6.75	5.39	5.40	2.36	3.79	5.32	3.60	3.64	3.61	2.99	5.05	54.25	59.44	11.9
574	TITUS	G-4	TVA	2300	7	10.62		2.78		4.49		5.13		4.10		5.28		3.17		7.25		1.78		5.88		5.07		3.95		59.50		---
154	TRAY MOUNTAIN (R)	G-4	TVA	3900	14	11.43	7.66	2.12	6.28	4.01	7.11	6.30	6.20	5.75	4.89	7.64	4.27	1.16	7.07	6.24	8.19	2.03	4.90	9.33	4.57	4.86	4.40	4.06	6.09	64.93	71.63	---
	LITTLE TENNESSEE RIVER																															
171a	MCGHEE	G-3	TVA	810	-	STATION ESTABLISHED APRIL 16, 1947								4.63		3.29		3.74		4.90		1.32		1.58		3.87		2.43		-----		---
171	MCGHEE	G-3	USWB	795	43	11.72	4.42	2.80	4.33	2.66	5.18	2.52	4.30	4.75	3.86	3.43	4.34	3.79	4.70	4.79	3.98	1.44	3.32	1.87	2.96	4.22	3.25	2.47	5.24	46.46	49.88	8.1
173	KITTIE	G-3	TVA	1000	13	12.94	5.64	3.00	4.88	3.70	5.19	2.56	4.19	3.93	4.00	4.01	2.97	3.81	4.44	5.60	4.22	4.01	2.39	2.16	2.54	3.29	3.18	2.99	3.85	52.00	47.49	7.2
174	TELLICO PLAINS	F-3	USWB	880	20	12.39	4.35	3.38	4.30	4.75	5.47	2.86	4.52	5.30	4.32	3.75	5.08	3.57	5.45	3.81	4.95	4.45	3.16	3.43	3.08	3.69	3.30	3.24	5.70	54.62	53.68	7.8
374	TELLICO RANGER STA.	F-3	USFS	1100	10	11.02	5.09	2.65	5.03	4.76	5.09	2.40	4.30	5.26	4.14	3.25	4.61	4.01	4.90	5.78	4.07	2.98	2.30	2.86	2.34	2.97	2.85	2.55	3.79	50.49	48.51	---
179	HAW KNOB (R)	G-3	TVA	4900	13	15.76	7.71	3.50	7.01	4.88	7.15	3.72	5.72	6.66	5.69	4.99	5.67	6.61	8.67	5.50	6.98	3.06	4.02	2.92	3.40	2.69	4.34	3.32	5.82	63.61	72.18	---
175	MINT	G-3	TVA	920	13	10.91	5.57	3.02	5.21	2.92	5.05	1.91	3.87	3.39	3.92	3.06	3.38	4.01	5.69	5.48	5.37	2.40	2.91	1.46	2.68	3.53	3.14	1.98	4.23	44.07	51.02	8.5
668	ABRAMS CREEK	G-3	USDI	1400	2	12.80		3.29		3.21		3.11		4.47		2.37		4.75		7.81		1.81		1.92		3.61		2.10		51.25		7.0
176	CALDERWOOD POWERHOUSE	G-3	ALCOA	950	18	11.78	4.77	3.88	4.99	3.55	5.35	2.37	4.32	5.77	4.25	3.53	3.87	3.90	5.59	5.75	5.45	3.23	2.58	1.54	2.86	3.04	2.59	1.91	4.09	50.25	50.71	---
178	CHEOAH DAM	G-3	ALCOA	1110	23	12.61	5.25	3.48	5.54	3.75	5.89	2.06	4.60	6.16	4.34	3.59	4.33	3.03	5.92	4.97	5.24	2.95	3.02	2.60	3.08	3.31	2.67	2.66	4.96	51.17	54.84	---
180	SANTEETLAH DAM	G-3	ALCOA	1950	20	15.96	6.20	3.19	5.81	4.26	5.87	2.84	4.50	6.33	3.93	3.53	3.66	2.65	5.33	4.10	4.98	0.51	2.48	1.65	2.66	4.43	3.23	3.73	5.54	53.18	54.19	---
550	SANTEETLAH GAP	G-3	TVA	2650	7	17.76	7.90	3.67	7.20	5.12	6.40	3.03	4.12	6.80	5.06	5.86	4.97	3.50	6.86	4.63	4.56	1.11	4.36	2.33	3.01	5.02	3.90	4.47	6.44	63.30	64.78	7.2
660	TWENTYMILE	G-3	USDI	1310	3	14.18		3.54		3.42		2.83		6.20		4.24		3.42		#5.30		2.42		2.50		3.70		#3.04		#54.79		---
592a	FONTANA POWERHOUSE	G-3	TVA	1312	3	12.46		3.41		3.83		2.16		6.01		2.21		2.27		3.82		2.59		1.15		3.44		3.09		46.44		---
181	PROCTOR	G-3	TVA	1735	13	13.40	6.72	3.51	6.27	3.64	5.73	3.14	4.76	5.15	4.16	3.27	4.15	3.32	6.77	5.25	4.39	2.27	2.97	1.89	2.79	4.02	3.10	3.53	4.86	52.39	56.67	8.6
182	STECOAH	G-3	TVA	2350	13	14.66	7.08	3.94	6.18	4.94	5.92	2.98	4.87	4.64	4.06	4.13	4.26	3.08	6.63	4.94	4.24	1.28	3.05	2.54	2.63	4.30	3.23	4.24	4.82	55.67	56.97	12.8
183	NOLAND CREEK	G-3	TVA	2400	13	16.06	6.58	3.56	6.18	5.40	5.91	2.86	4.61	5.05	4.37	4.35	4.06	4.51	6.35	5.93	4.97	3.08	2.99	4.51	2.97	5.32	3.39	3.84	4.96	64.47	57.34	17.8
184	CLINGMAN'S DOME (R)	G-3	TVA	6400	13	17.19	9.24	4.83	8.19	4.41	7.69	3.44	6.51	6.76	6.15	6.72	5.62	5.30	8.72	12.76	9.02	4.21	4.45	5.67	4.47	6.70	4.95	4.31	6.70	82.30	81.71	---
185	BRYSON CITY	G-3	TVA	1860	60	12.88	5.01	2.47	5.17	3.53	5.82	2.33	4.11	3.58	4.18	3.12	4.36	3.61	5.49	6.27	4.80	2.20	3.23	2.77	2.81	4.73	3.16	3.26	4.92	50.75	53.06	3.4
185a	BRYSON CITY (R)	G-3	TVA	1900	6	12.70	4.17	2.44	5.80	3.27	5.31	2.27	3.99	3.61	4.50	3.02	3.16	3.35	5.86	6.17	4.78	1.88	3.67	2.86	2.52	4.70	3.05	3.06	4.95	49.33	51.76	---
525	ELA (NEAR)	H-3	NP.CO.	1830	7	12.02	6.29	2.79	5.32	3.68	5.23	2.50	3.74	4.43	5.47	3.45	3.64	4.14	6.14	6.43	5.47	1.62	3.74	3.67	2.71	4.79	2.98	3.84	5.04	53.36	55.77	---
542	CHEROKEE	H-3	USDI	2020	10	13.60	5.85	2.44	5.22	3.93	5.19	2.45	3.15	3.23	3.60	4.71	3.39	3.84	6.69	5.24	4.15	1.78	2.78	2.89	2.19	4.70	2.80	#3.09	4.96	#51.90	49.97	12.0
186	RAVENSFORD	H-3	USWB	2100	16	14.13	6.68	3.32	6.21	3.75	6.48	2.32	4.71	3.85	4.47	3.11	3.77	3.08	6.47	6.32	5.64	1.04	2.51	2.72	2.87	5.15	3.59	3.39	4.93	52.18	58.33	13.5
187	SPRUCE MOUNTAIN (R)	H-3	TVA	4800	14	13.46	6.78	2.85	5.56	2.91	5.80	2.72	4.34	4.41	3.82	3.73	3.99	3.69	6.75	3.53	5.50	4.77	3.57	4.87	3.14	6.20	3.75	2.61	4.38	55.75	57.38	---
377	JACK COVE	H-3	TVA	2100	10	12.91	5.40	2.55	5.65	3.93	5.42	2.46	3.47	3.70	3.58	3.11	3.44	3.57	6.14	4.96	4.03	1.02	2.72	3.77	1.93	4.40	2.84	2.79	4.06	49.17	48.68	6.0
249	BALSAM	H-3	TVA	3330	6	11.84	6.16	2.71	6.14	3.66	5.83	2.68	3.90	3.04	5.19	4.81	3.29	4.64	5.94	8.62	5.35	4.07	4.46	5.57	3.34	5.62	3.59	2.77	4.85	60.03	58.04	16.5
189	CULLOWHEE	H-4	USWB	2100	38	9.63	3.90	1.59	3.20	3.06	5.20	2.97	3.60	2.01	3.60	3.29	4.00	2.93	4.20	6.77	4.00	1.16	3.50	4.39	2.70	4.47	2.20	2.29	4.20	44.56	44.30	7.9
564a	GLENVILLE POWERHOUSE	H-4	NP.CO.	-	7	11.07	6.02	1.81	5.58	3.98	6.51	3.64	4.16	2.36	4.72	4.93	3.36	1.74	5.02	6.26	3.56	1.67	3.75	7.04	3.23	4.96	2.96	3.19	5.53	52.65	54.40	---
564	GLENVILLE DAM	H-4	NP.CO.	3550	7	11.37	6.29	2.02	5.80	4.38	7.18	4.70	4.54	2.84	4.41	6.93	4.75	1.92	5.96	5.90	4.26	0.99	3.94	8.09	3.65	5.56	3.28	3.83	5.11	58.53	59.17	---
509	LAUREL MOUNTAIN (R)	H-4	TVA	4200	7	13.06	7.52	2.24	5.91	4.96	7.96	6.12	5.18	4.36	5.98	7.13	5.87	2.23	7.22	4.76	4.50	2.09	5.38	13.00	4.82	6.79	5.05	4.35	6.72	71.09	72.11	---
190	HAYWOOD GAP (R)	H-3	TVA	5250	14	12.46	6.19	1.07	5.15	3.30	5.97	4.92	5.01	3.98	4.57	5.68	4.43	2.40	7.12	4.72	6.96	2.93	4.07	10.57	4.18	6.01	3.67	3.43	4.55	61.47	61.87	---
191	OWEN'S GAP	H-4	TVA	3750	14	12.41	7.34	1.03	6.00	5.00	6.80	6.45	6.19	4.55	4.92	7.75	5.12	2.27	7.51	9.04	7.92	4.37	5.01	#10.20	4.26	7.66	4.57	----		-----		---
193	NANTAHALA	G-4	NP.CO.	2020	14	15.72	6.69	3.41	6.50	4.51	6.25	3.50	5.13	4.34	3.95	5.64	4.26	2.92	6.25	7.11	4.70	1.98	3.10	4.04	2.93	4.94	3.17	4.14	4.39	62.25	57.32	7.8
594	NANTAHALA DAM	G-4	NP.CO.	2950	7	16.55	7.94	3.68	7.53	4.64	7.59	2.89	4.66	5.25	5.60	4.41	4.39	3.37	6.81	4.84	4.24	3.24	4.47	3.83	3.11	5.59	4.24	3.89	6.13	62.18	66.71	---
625	RAINBOW SPRINGS	G-4	NP.CO.	3196	5	16.12		----		STATION DISCONTINUED JANUARY 31, 1947																				-----		---
194	NEEDMORE	G-3	TVA	1770	13	12.99	6.22	2.54	5.36	3.47	5.40	2.18	4.12	2.67	3.21	3.58	3.36	2.82	6.08	3.72	4.04	0.83	2.74	3.33	2.39	5.28	2.98	3.16	4.27	46.57	50.17	6.6
195	RAVEN MOUNTAIN (R)	H-3	TVA	4500	13	13.57	6.89	3.12	5.88	3.80	5.64	3.81	4.43	4.63	3.90	4.55	4.29	3.28	7.03	7.01	5.45	2.71	3.55	5.03	2.80	4.59	3.35	3.31	4.84	59.41	58.05	---
196	FRANKLIN POWERHOUSE	H-4	NP.CO.	2000	16	11.95	5.22	1.84	4.48	3.83	5.17	2.81	3.82	3.15	3.05	4.30	3.86	2.66	5.43	2.99	4.26	1.16	3.02	5.44	2.74	4.99	2.64	2.73	3.76	47.85	47.45	---
198	FRANKLIN	H-4	USWB	2300	4	11.14	4.43	1.94	4.66	4.68	5.09	4.27	3.87	2.34	3.00	3.52	3.61	2.09	5.70	3.23	4.36	1.84	3.16	5.76	2.50	5.55	2.45	3.14	3.96	49.50	46.79	6.5

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1947 PRECIPITATION—In Inches

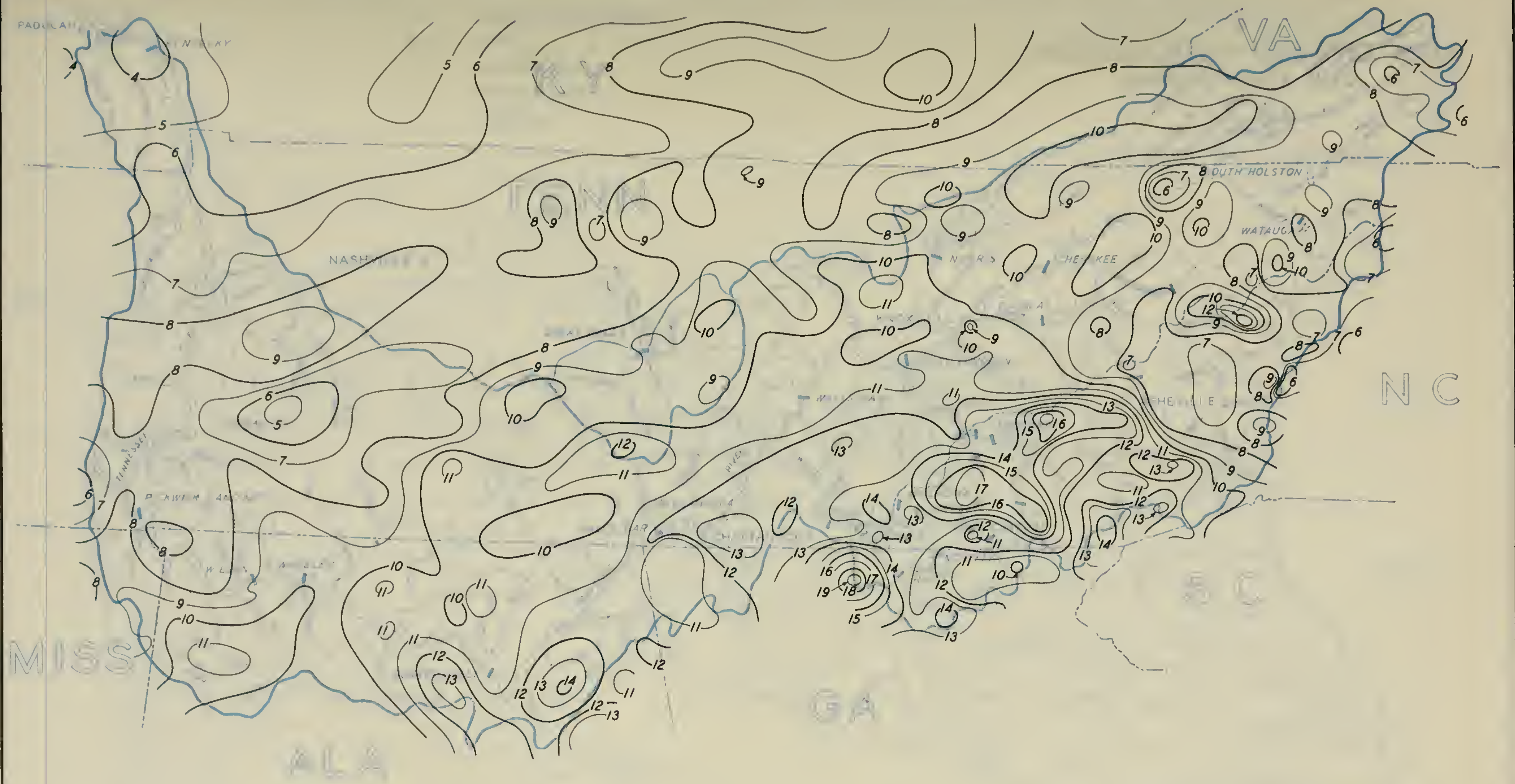
Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	LITTLE TENNESSEE RIVER (CONT'D)																															
586	CARTOOGECHAYE CREEK	O-4	TVA	2200	6	13.96	6.51	2.44	6.31	4.51	7.02	3.68	4.29	3.34	4.52	4.10	3.27	3.10	5.96	3.72	3.33	1.64	4.47	6.78	3.27	6.26	3.48	3.65	5.75	57.18	58.18	---
197	WAYAH BALD (R)	O-4	TVA	5350	13	16.74	8.13	2.51	6.83	5.39	6.99	3.20	5.26	4.58	4.46	5.14	4.32	3.58	7.25	3.62	5.44	2.29	4.07	5.73	3.42	4.74	4.02	3.10	5.50	60.62	65.69	---
199	OTTO	H-4	TVA	2300	13	11.10	6.03	2.76	5.56	4.09	6.07	3.27	4.58	2.53	3.47	3.99	3.89	3.10	5.99	3.41	5.19	1.80	3.82	6.59	3.06	6.01	3.43	2.51	4.45	51.16	55.54	4.8
200b	COWEETA NO. 19	G-4	USFS	2260	-	PUBLICATION OF DATA STARTED JULY 1, 1947												3.60		6.71		3.69		8.02		6.78		4.36		-----		---
200	COWEETA NO. 1 (R)	G-4	USFS	2875	14	12.49	7.11	3.49	6.70	5.83	7.30	5.05	5.88	4.13	4.31	5.13	4.39	3.45	6.30	6.08	5.48	4.12	4.32	9.16	3.90	6.63	4.70	4.25	5.97	69.81	66.36	---
200a	COWEETA NO. 3 (R)	O-4	USFS	3380	9	13.72	7.29	2.95	6.86	6.12	9.29	6.54	5.93	6.44	5.72	7.55	4.40	4.79	7.97	5.13	4.73	STATION DISCONTINUED SEPTEMBER 16, 1947								-----		---
201a	HIGHLANDS	H-4	TVA	3800	6	14.18	9.28	2.98	7.36	5.18	9.59	7.33	6.42	8.45	6.97	7.36	6.67	2.01	8.63	8.79	5.82	1.93	6.95	13.09	5.47	7.56	5.66	5.14	6.85	84.00	85.67	24.5
201	HIGHLANDS (NEAR)	H-4	USWB	3350	62	13.74	6.90	2.03	6.70	5.54	8.40	6.94	6.40	4.93	6.00	5.92	7.40	2.16	8.70	7.31	7.50	2.63	6.80	11.24	6.30	6.86	5.00	4.17	8.80	73.47	84.90	13.5
204	CLAYTON	H-4	USWB	2000	55	10.37	6.13	2.26	6.40	5.06	6.90	7.12	5.75	4.29	4.75	5.80	5.29	1.13	6.96	4.58	6.49	2.45	4.95	8.96	4.34	7.21	4.22	#3.76	7.10	#62.99	69.28	3.2
560	CHENOCETAH TOWER	O-5	USFS	1830	9	----		1.89		3.69		3.25		----		----		----		----		----		----		----		3.10		-----		---
	FRENCH BROAD RIVER																															
642	SEVIERVILLE	O-3	TVA	900	29	10.26	4.30	2.97	3.97	3.19	4.79	2.04	3.79	4.44	4.54	2.57	4.55	2.89	4.56	3.66	4.11	2.16	3.13	1.53	2.68	3.70	2.81	1.54	4.47	40.95	47.70	8.9
496	PIGEON FORGE	O-3	TVA	1012	8	10.44	4.24	1.98	4.11	3.76	4.32	1.79	2.90	4.39	3.56	2.18	4.57	3.91	5.55	3.24	4.40	3.67	3.57	1.78	2.34	3.39	2.80	2.10	3.62	42.63	45.98	---
209	GATLINBURG (NEAR)	O-3	USWB	1460	21	10.67	4.32	4.26	4.29	4.32	5.22	1.62	4.13	#3.45	4.70	3.13	4.81	5.59	5.69	8.31	5.64	3.32	2.82	2.60	2.95	3.85	2.45	2.53	4.46	#53.65	51.48	13.0
210	MT. LE CONTE	O-3	TVA	6350	13	----		----		----		----		----		4.23	6.14	6.81	10.85	11.29	8.64	3.84	4.74	#4.19	4.02	----		----		-----		---
538	COSBY NO. 4	H-3	USDI	1720	7	8.80	5.25	3.69	3.90	4.16	5.35	2.06	3.58	3.47	4.15	3.50	4.30	11.49	7.72	5.35	4.33	1.54	3.05	2.48	3.10	3.51	2.73	2.43	4.26	52.48	51.72	16.5
593	DOUGLAS DAM	O-2	TVA	928	6	9.81	4.62	2.96	5.41	2.87	3.97	1.97	2.75	2.57	3.40	1.82	2.28	2.97	4.30	3.38	3.17	1.99	2.89	1.11	2.16	3.19	2.63	1.29	4.14	35.93	41.72	6.0
211	DANDRIDGE	O-2	TVA	1040	43	9.58	4.10	2.41	4.02	3.34	4.63	2.10	3.66	3.27	3.89	2.24	3.78	2.58	4.81	4.65	4.18	2.41	2.75	1.25	2.67	3.41	2.57	1.35	4.16	38.59	45.22	---
212	WHITE PINE	H-2	TVA	1165	14	----		1.30	3.93	2.10	4.07	1.58	3.14	2.13	2.81	3.89	3.21	3.10	5.09	3.85	4.06	2.30	2.83	1.12	2.35	2.53	2.44	1.20	2.85	-----		7.3
213	BULLS GAP	H-2	TVA	1060	14	10.76	4.52	1.89	4.13	3.21	4.91	2.15	3.26	3.25	2.93	6.41	3.66	4.10	5.32	5.67	4.12	2.02	2.68	1.85	2.36	3.88	2.86	1.80	3.72	46.99	44.47	15.5
214	LICK CREEK (R)	H-2	TVA	1210	13	8.82	3.77	1.25	3.30	2.41	3.48	1.34	2.44	1.97	2.35	5.44	2.68	3.48	4.95	4.35	3.63	1.27	2.35	1.36	2.19	3.55	2.13	1.34	2.81	36.58	36.08	---
215	JEAROLDSTOWN	H-2	TVA	1400	14	10.09	4.45	2.16	3.97	3.05	4.56	1.65	3.21	2.39	3.34	5.55	3.52	2.66	5.22	7.37	3.96	2.06	2.90	2.55	2.59	3.61	2.62	1.91	3.33	45.05	43.67	19.3
216	LITTLE CHUCKY	H-2	TVA	1350	14	8.23	4.03	2.48	4.17	3.11	4.43	1.69	3.46	2.49	2.75	6.05	3.60	3.57	4.93	2.87	3.53	0.57	2.84	2.05	2.62	2.85	2.59	1.45	2.79	37.41	41.74	19.0
661	GREENEVILLE DAM	H-2	TVA	1220	5	7.67		2.03		2.92		1.41		3.38		6.97		3.80		4.51		2.91		2.54		3.26		0.77		42.17		---
475	GREENEVILLE (NEAR) (R)	H-2	U.T.	1380	9	8.21	3.24	1.44	3.42	2.66	3.97	1.59	2.42	2.47	2.68	7.69	3.43	2.21	4.63	2.94	3.37	3.29	3.70	2.47	2.32	3.36	2.02	0.82	2.74	39.15	37.94	---
217	GREENEVILLE (NEAR)	H-2	USWB	1320	14	7.56	3.52	2.71	3.72	2.68	4.60	1.83	3.58	2.78	4.02	7.53	4.41	2.46	3.98	3.28	4.72	3.94	2.55	2.99	2.46	3.67	2.41	0.97	4.21	42.40	44.18	18.0
518	TUSCULUM COLLEGE	H-2	PRIVATE	1460	7	7.80	3.64	2.54	3.83	2.96	4.09	1.83	2.45	2.61	3.09	6.22	3.66	2.30	5.54	3.22	3.94	1.27	3.86	3.80	2.73	4.01	2.58	1.13	3.56	39.69	42.97	22.0
218	CAMP CREEK BALD (R)	H-2	TVA	4560	13	10.92	5.40	1.76	4.76	6.21	5.79	2.21	3.91	4.03	4.39	7.93	5.21	4.66	7.13	7.50	5.43	2.23	3.80	3.33	3.78	4.90	3.22	1.59	4.23	57.27	57.05	---
219	LIMESTONE	H-2	TVA	1420	14	8.17	3.84	1.94	3.40	3.00	4.17	1.66	3.01	3.46	2.96	6.78	3.61	3.12	5.30	5.74	3.98	2.11	2.84	1.24	2.26	3.84	2.25	0.55	2.60	41.61	40.22	19.0
220	EMBREEVILLE	J-2	TVA	1590	21	7.16	3.38	2.39	3.61	3.24	4.38	2.19	3.25	4.11	4.23	5.20	4.11	3.67	5.81	4.30	4.12	3.15	2.97	2.06	2.92	4.60	2.35	0.88	3.08	42.95	44.21	21.0
221	ERWIN	J-2	TVA	1750	22	#6.96	3.36	2.14	3.73	3.10	4.83	2.27	3.35	4.96	4.48	5.98	4.42	4.56	6.13	5.92	4.48	2.78	3.21	1.61	2.97	4.96	2.43	0.69	3.17	#45.93	46.56	26.9
643	LIMESTONE COVE	J-2	TVA	2365	4	13.57		2.88		3.34		2.79		3.71		6.64		2.67		6.87		5.33		2.90		5.04		1.14		56.88		27.5
659	POPLAR	J-2	TVA	2000	3	7.95		2.02		3.41		2.41		2.64		6.55		2.75		7.83		3.06		2.22		5.61		1.12		47.57		34.0
223	FLAT TOP MOUNTAIN	J-2	TVA	2900	13	9.32	5.10	2.50	4.43	4.48	5.01	2.64	3.52	2.21	3.67	6.73	4.70	3.47	6.74	7.45	5.40	2.24	3.49	2.96	2.97	6.30	3.17	1.38	3.40	51.68	51.60	56.0
224	BEAUTY SPOT (R)	J-2	TVA	4230	14	9.58	4.47	1.48	3.75	3.22	4.38	2.75	3.34	2.79	3.60	6.24	4.25	5.16	6.89	6.32	4.75	3.27	3.41	2.38	2.90	5.86	2.92	1.13	3.06	50.18	47.72	---
226	CANE RIVER	J-3	TVA	2500	14	8.04	4.25	2.28	3.89	3.19	4.44	2.20	3.25	2.49	3.35	4.20	3.29	2.58	4.64	6.56	4.10	2.07	3.12	3.56	2.76	5.37	2.50	1.09	2.67	43.63	42.26	31.4
227	MCKINNEY GAP	J-2	TVA	4500	14	12.88	6.66	2.62	5.82	5.83	6.59	3.82	4.58	2.75	4.52	6.26	4.47	3.73	7.21	9.13	4.87	2.48	3.60	4.04	3.44	8.33	3.71	1.56	3.83	63.43	59.30	60.0
228	COXCOMBE MOUNTAIN (R)	J-3	TVA	4250	13	7.89	4.03	1.19	3.71	2.86	4.53	2.34	3.39	2.22	3.40	6.02	3.52	2.22	5.51	6.56	4.70	2.06	3.07	5.68	3.35	4.67	2.45	1.77	2.86	45.48	44.52	---
229	DAYBOOK	J-2	TVA	2350	14	8.05	4.10	1.57	3.53	3.19	4.29	2.18	3.07	1.99	3.34	5.13	3.43	2.37	4.83	5.64	4.23	2.58	3.32	4.26	2.56	6.55	2.60	0.86	2.49	44.37	41.79	---
231	ROAN HIGH KNOB (R)	J-2	TVA	6100	13	8.15	4.71	0.86	3.88	2.59	4.80	3.63	3.94	3.10	4.70	7.88	4.82	3.29	6.97	7.10	5.17	5.02	3.90	6.23	3.61	5.74	3.17	1.08	2.85	54.67	52.52	---
402	BAKERSVILLE	J-2	TVA	2575	9	7.52	3.08	1.03	3.66	1.86	3.66	2.26	3.04	1.76	3.62	4.50	3.77	2.59	4.53	4.99	4.90	2.35	2.97	5.71	2.75	5.45	2.19	0.96	2.58	40.98	40.75	35.0
232	CELO	J-3	TVA	2800	14	7.81	5.01	1.45	3.99	3.04	5.07	2.80	3.85	2.90	3.71	3.69	3.34	2.55	5.62	5.64	6.19	3.08	3.66	7.81	3.60	6.64	2.96	2.29	3.33	49.70	50.33	25.0
622	CELO (NEAR)	J-3	USWB	2700	6	8.97		1.35		3.79		2.30		2.22		4.17		2.07		----		----		----		----		2.03		-----		---
233	MT. MITCHELL	J-3	USWB	6684	23	7.16	4.26	2.24	4.91	4.88	6.71	4.20	6.10	2.67	5.41	8.30	6.69	3.08	7.91	10.11	9.04	4.61	6.64	18.71	5.63	6.37	4.63	2.38	6.56	74.71	74.49	58.7
233a	MT. MITCHELL (R)	J-3	TVA	6684	5	5.72		2.00		3.27		3.55		2.48		7.53		2.60		10.73		4.03		17.13		5.60		2.38		67.02		---
234	SNOW CREEK	J-2	TVA	2600	14	6.25	3.82	1.66	3.39	2.90	4.20	2.06	3.37	1.12	3.23	4.79	3.84	2.47	5.03	4.74	4.69	3.08	3.28	5.96	2.77	6.38	2.60	1.31	2.86	42.72	43.08	34.8
623	SPRUCE PINE	J-3	TVA	2620	5	6.95		1.65		2.96		2.77		1.37		5.45		0.89		7.36		2.93		8.35		6.31		1.49		48.48		24.1
235	LITTLE SWITZERLAND (R)	J-3	TVA	3550	14	8.06	5.71	1.38	3.69	3.89	5.13	2.83	4.16	2.30	4.03	4.61	3.87	1.48	6.78	5.15	7.20	4.74	4.76	9.02	4.24	7.43	4.11	1.81	4.13	52.70	57.81	---
236	ALTAPASS	J-3	TVA	2600	38	7.87	3.92	1.56	3.23	3.18	4.71	2.95	3.93	1.49	4.07	4.58	3.69	1.92	6.50	5.29	4.85	2.59	3.97	6.71	3.82	----		1.42	3.98	-----		18.2
237	PLUMTREE	J-2	TVA	2900	13	7.45	4.88	1.38	4.18	3.39	4.23	2.63	4.07	2.80	4.08	5.31	4.03	2.68	5.60	5.28	5.13	3.47	3.45	7.79	3.62	7.58	3.20	1.47	3.17	51.23	49.64	28.6
238	SMOKY GAP	J-2	TVA	3650	14	8.06	4.24	1.79	3.65	3.46	4.13	2.76	3.56	1.91	4.54	6.83	4.83	2.95	5.80	9.66	5.34	5.12	3.52	6.33	3.15	6.95	3.26	1.42	2.79	57.24	48.81	37.3
378	CROSSNORE	J-2	USWB	3430	34	6.58	3.85	1.58	4.03	3.74	5.28	3.14	4.29	1.88	4.68	5.37	5.72	3.54	7.00	7.05	5.75	4.07	4.74	10.39	4.95	8.75	3.37	1.44	5.14	57.53	58.80	38.8
241	NEWPORT	H-2	USWB	1080	58	8.24	3.68	3.26	3.91	3.21	4.84	1.75	3.66	3.03	4.25	3.14	4.30	3.23	4.48	5.91	3.94	2.34	2.78	1.84	2.47	3.19	2.47	1.30	4.03	40.44	44.81	13.8
241a	NEWPORT	H-2	TVA	1050	5	7.89	3.86	3.17	5.05	3.20	4.26	1.79	2.89	2.43	3.14	3.17	3.30	3.29	4.83	3.86	3.47	3.13	3.54	2.32	2.36	3.13	2.39	1.21	3.25	38.59	42.34	---
243	HARTFORD	H-3	TVA	1260	14	8.91	4.31	3.92	4.10	4.33	4.56	1.53	3.46	2.94	3.79	3.52	4.33	6.19	6.68	3.36	5.00	1.80	2.65	1.05	2.48	3.57	2.40	1.74	3.49	42.86	47.25	17.0
244	WATERVILLE POWERHOUSE	H-3	USWB	1410	17	6.46	3.47	3.33	3.68	3.28	4.35	1.56	4.27	4.62	4.48	5.32	5.54	6.50	5.29	4.19	5.00	1.35	3.92	1.66	3.09	3.24	2.13	1.53	3.86	43.04	49.08	24.0
245	MT. STERLING	H-3	TVA	2950	14	9.31	5.16	3.69	4.68	3.96	5.21	1.97	3.38	3.99	4.13	5.57	4.03	6.15	7.38	3.74	5.17	1.23	3.31	2.26	2.75	4.28	2.94	1.40	3.43	47.55	51.57	56.6
656	CATALOOCHEE	H-3	USDI	2620	5	10.71		2.39		3.52		1.77		2.25		4.24		6.03		5.22		2.44		2.67		4.66		1.98		47.88		30.0
407	CATALOOCHEE RANCH	H-3	TVA	4800	9	14.57	6.82	2.60	6.46	3.95	6.72	2.98	4.29	3.17	4.25	4.39	4.89	3.12	7.84	5.09	5.13	2.52	3.51	5.67	3.26	5.91	3.72	3.73	4.99	57.70	61.88	63.0
247	WAYNESVILLE	H-3	USWB	2675	48	11.17	3.75	1.04	4.04	3.95	5.05	1.83	3.68	1.40	3.98	2.89	4.12	2.16	4.60	3.79	4.21	1.35	3.00	4.13	3.04	5.25	2.25	2.11	4.61	41.07	46.33	7.2
248	EAGLENEST MOUNTAIN	H-3	TVA	3360	14	13.07	6.73	3.11	6.33	5.67	6.41	2.41	4.24	3.22	3.91	5.22	3.77	2.73	6.53	4.66	4.46	2.76	3.32	4.13	2.79	6.23	3.56	4.01	4.48	57.22	56.53	30.5
250	CHAMBERS MOUNTAIN (R)	H-3	TVA	4300	14	7.04	3.44	1.24	2.89	2.50	3.69	1.09	2.73	1.10	2.23	4.16	2.56	2.37	5.80	3.08	4.34	1.39	2.32	4.01	2.50	4.43	2.08	1.34	2.27	33.75	36.85	---
251	CANTON	H-3	USWB	2600	17	7.60	2.75	1.46	3.27	2.73	4.00	2.07	3.62	1.24	3.44	4.77	3.55	3.61	3.92	5.16	4.18	1.68	3.39	6.25	2.76	5.13	1.80	1.56	3.36	43.26	40.04	22.8
253	DIX CREEK	H-3	TVA	3280	14	10.66	5.50	1.59	4.76	3.75	5.48	3.25	4.04	1.89	3.51	4.90	3.45	2.68	5.63	2.66	5.39	1.27	3.21	6.50	3.15	5.99	3.15	2.10	3.74	47.24	51.01	27.3
254	MT. PISGAH (R)	H-3	TVA	5300	14	8.86	5.51	1.44	4.36	3.90	5.29	4.79	4.64	2.70	4.35	4.72	4.49	3.02	7.24	4.36	7.05	5.06	4.86	13.76	4.90	7.05	3.71	2.41	4.58	62.07	60.98	---

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1947 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs.of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	FRENCH BROAD RIVER (CONT'D)																															
629	BIG EAST FORK PIGEON	H-3	USFS	3410	5	13.13		2.16		5.03		7.44		2.91		----		----		----		----		----		8.33		3.64		-----		----
255	WOLF CREEK	H-3	TVA	1200	14	7.48	3.76	2.39	3.55	2.97	4.35	1.50	2.86	3.09	3.37	7.42	3.54	3.18	6.25	3.74	4.10	1.45	3.28	0.51	2.36	3.48	2.08	1.08	2.61	38.29	42.11	12.9
256	HOT SPRINGS	H-3	USWB	1335	49	7.02	3.00	2.35	2.80	2.70	4.50	1.77	3.70	2.22	3.60	8.29	4.20	3.67	5.10	4.57	5.10	1.31	2.90	1.70	2.80	3.97	1.90	1.19	4.50	40.76	44.10	21.3
256a	HOT SPRINGS AIRWAYS	H-3	USWB	1400	7	6.77	3.00	3.03	2.80	3.40	4.50	1.89	3.70	2.43	3.60	9.77	4.20	3.26	5.10	5.57	5.10	1.47	2.90	1.59	2.80	3.91	1.90	1.19	4.50	44.28	44.10	24.9
257	MAX PATCH MOUNTAIN (R)	H-3	TVA	4285	14	7.51	4.37	2.94	4.35	2.95	4.81	1.91	4.22	4.46	4.27	6.67	4.62	4.29	7.26	5.08	6.17	1.30	3.75	2.02	3.19	4.06	2.74	1.79	3.00	44.98	52.75	50.0
261	DOGGETT GAP	H-3	TVA	3800	14	7.47	4.53	2.37	3.95	2.89	5.01	1.54	3.60	2.70	3.42	6.47	4.05	3.94	6.29	5.95	5.98	0.93	3.02	4.57	3.04	4.99	2.62	1.74	2.99	45.56	48.50	44.8
259	CODY STORE	J-3	TVA	2450	14	7.05	4.11	2.14	3.51	3.10	4.47	2.48	3.25	2.58	3.72	5.22	4.09	4.19	6.04	8.76	4.64	3.00	3.14	2.63	2.51	4.49	2.30	1.18	2.82	46.82	44.60	27.4
672	SAMS GAP	J-2	TVA	3650	-	STANDARD CAN GAGE INSTALLED OCTOBER 1, 1947																		2.94		5.23		1.52		-----		----
262	MARSHALL	H-3	USWB	1950	50	6.74	2.56	1.85	2.71	2.10	3.94	2.42	3.44	1.40	3.11	5.72	4.25	4.12	4.32	5.84	4.29	1.22	3.03	2.20	2.63	3.76	1.90	1.36	3.11	38.73	39.29	23.5
263	IVY	J-3	TVA	2100	14	7.01	3.73	1.90	3.35	2.25	4.08	2.02	3.13	1.83	3.25	4.82	3.94	2.58	4.31	7.62	4.16	0.98	2.56	2.90	2.24	3.49	2.14	1.38	2.27	38.78	39.16	17.5
264	BARNARDSVILLE	J-3	TVA	2250	14	7.65	3.82	1.40	3.50	1.92	4.02	1.82	3.03	1.99	3.05	4.66	4.07	0.73	5.01	6.72	4.72	1.94	2.73	3.51	2.64	3.98	2.40	1.31	2.41	37.63	41.40	21.8
666	WEAVERVILLE	J-3	TVA	2160	2	6.55		1.26		2.19		2.37		1.88		4.77		1.68		2.82		1.23		2.95		2.84		1.32		31.86		17.2
677	BEECH	J-3	USWB	2960	-	ESTABLISHED OCTOBER 11, 1947																		----		4.43		1.73		-----		----
265	LEICESTER	H-3	TVA	2100	14	6.88	3.52	1.30	3.12	2.00	3.70	2.07	3.19	1.50	2.94	3.92	3.74	3.59	4.68	2.92	4.68	1.01	2.36	3.27	2.25	3.73	2.04	1.32	2.33	33.51	38.55	17.4
267	ASHEVILLE (R)	J-3	USWB	2192	77	6.04	3.10	1.16	3.15	2.22	3.97	2.42	3.02	1.93	3.43	3.50	3.93	3.56	4.30	4.27	4.16	1.85	3.04	3.39	2.75	3.17	2.23	1.66	3.20	35.17	40.28	22.9
268	BEETREE DAM (R)	J-3	ASHV'LE	2557	24	#7.89	3.34	1.02	3.25	2.72	4.15	2.92	3.32	1.88	3.26	5.69	3.40	1.46	4.87	6.92	5.62	2.01	3.77	5.59	3.31	4.58	2.52	1.64	3.41	#44.32	44.22	----
269	BEETREE GAP (R)	J-3	ASHV'LE	4900	14	8.89	4.41	----		#3.33	4.85	3.31	3.72	2.33	3.50	6.53	4.20	1.73	6.24	6.04	6.36	3.04	3.82	7.26	3.49	4.63	2.77	1.82	3.07	-----		----
270	SWANNANOA (NEAR)	J-3	USWB	2230	17	7.80	3.82	0.83	3.35	2.44	4.19	2.42	3.21	1.79	2.99	3.44	3.14	1.71	5.15	4.53	5.51	2.34	3.14	7.87	3.53	4.83	2.43	1.53	3.14	41.53	43.60	9.2
271a	NORTH FORK NO. 2	J-3	USWB	2520	6	8.49	5.11	1.89	4.28	3.29	5.62	2.91	4.00	2.06	3.90	6.10	4.17	2.18	5.08	10.33	5.02	2.57	4.96	7.87	3.88	5.56	2.93	1.96	3.15	55.21	52.10	22.3
271	NORTH FORK (R)	J-3	ASHV'LE	2950	22	9.52	4.45	----	4.34	3.21	5.25	3.29	4.42	2.19	4.02	6.62	4.25	2.10	6.11	9.87	6.82	3.01	4.49	9.49	4.43	6.86	3.59	2.03	4.39	-----	56.56	----
272	MONTREAT	J-3	USWB	2600	31	4.80	3.90	1.00	4.50	0.88	5.20	2.87	4.50	2.81	5.00	5.92	5.40	----	5.70	1.79	5.10	----	5.20	----	4.20	----	2.60	1.76	4.80	-----	56.10	12.9
273	POINT LOOKOUT	J-3	USWB	2600	16	7.03	4.24	0.54	4.06	3.13	4.87	2.87	4.17	1.82	4.41	4.36	3.82	2.39	7.63	9.03	5.00	4.48	4.67	14.16	4.77	6.91	3.93	1.70	3.91	58.42	55.48	----
274	ENKA	H-3	USWB	2075	17	6.05	3.28	0.68	2.96	2.50	3.45	1.99	3.04	1.17	2.77	4.90	3.41	4.84	4.92	1.84	3.83	1.17	2.49	5.29	2.48	4.38	1.99	1.48	2.98	36.29	37.60	4.0
266	ROCKYFACE MOUNTAIN	H-3	TVA	3000	14	7.36	3.73	1.90	3.37	----		2.35	2.99	1.51	2.82	5.37	3.34	2.71	4.80	3.95	4.56	1.38	2.85	5.91	2.56	5.09	2.16	1.46	2.40	-----		----
275	BENT CREEK (R)	J-3	USFS	2100	15	7.13	4.24	1.39	3.37	2.78	4.15	2.97	3.37	1.81	2.76	3.96	3.99	2.85	5.62	3.47	4.37	1.36	2.72	4.59	3.01	4.32	2.48	1.95	2.97	38.58	43.05	----
276	A & H AIRPORT	J-3	USWB	2094	14	7.66	4.72	1.51	3.89	3.03	4.58	2.86	3.43	2.65	3.53	5.80	3.60	1.90	5.94	3.51	4.70	2.07	3.22	6.09	3.16	4.56	2.80	2.01	3.28	43.65	46.85	11.5
277	GARREN CREEK	J-3	TVA	2600	13	9.53	5.52	1.58	4.52	4.08	5.44	4.47	4.44	3.02	3.74	8.66	5.72	2.66	6.60	6.20	7.34	8.34	4.89	12.05	4.86	7.79	3.83	2.14	4.17	70.52	61.07	16.0
278	BLUE RIDGE P.O. (R)	J-3	TVA	2270	14	8.03	5.17	1.15	4.28	3.28	4.83	3.56	3.93	3.19	4.14	6.44	4.25	5.70	6.68	5.30	5.48	3.26	4.71	9.77	3.98	5.74	3.47	2.68	4.08	58.10	55.00	----
279	HENDERSONVILLE	J-3	USWB	2153	53	8.93	4.55	1.36	4.60	3.93	5.31	3.85	4.23	2.70	4.86	5.95	5.54	4.95	6.07	5.04	6.08	2.63	4.75	9.92	4.52	5.70	3.03	2.59	5.88	57.55	59.42	10.7
280	RUSH MOUNTAIN	J-4	TVA	2900	14	9.88	7.15	1.88	5.54	5.20	6.45	5.31	5.29	3.24	4.52	8.00	4.37	5.20	7.69	4.30	8.00	3.88	4.59	13.03	5.22	6.80	5.22	3.60	6.09	70.32	70.13	19.8
282	PINK BEDS (R)	H-3	TVA	3300	12	12.57	7.03	1.59	6.12	4.37	6.60	5.82	5.84	2.72	4.74	5.55	4.86	1.70	6.28	4.09	7.26	3.57	4.69	11.31	5.00	7.90	4.46	3.44	6.50	64.63	69.38	----
281	HORSESHOE	J-3	TVA	2140	14	9.02	5.71	1.39	4.55	3.24	4.74	3.29	3.84	2.63	4.13	5.38	4.42	3.96	6.62	2.39	5.72	2.83	3.88	6.16	3.56	4.60	3.10	2.33	3.87	47.22	54.14	8.9
283	CEDAR MOUNTAIN (R)	H-4	TVA	2750	13	10.96	7.70	2.39	6.42	4.87	7.04	6.31	5.86	6.21	5.45	7.67	5.42	6.23	7.78	4.79	8.61	3.99	5.12	13.96	5.27	9.15	5.59	4.03	6.73	80.56	76.99	----
284	CAESAR'S HEAD	J-4	USWB	3115	24	8.61	6.77	2.08	5.45	4.58	6.57	5.19	5.11	3.20	4.95	7.49	5.25	7.14	7.15	7.79	8.12	3.63	5.69	11.76	5.51	8.39	5.57	2.98	7.16	72.84	73.30	13.5
476	PISGAH FOREST	H-4	USWB	2150	8	10.65	5.51	1.52	4.87	4.14	6.54	4.59	4.20	2.96	5.11	4.92	4.80	1.57	6.63	4.48	6.50	3.21	4.30	8.05	3.30	7.50	4.23	3.09	5.34	56.68	61.33	8.0
662	GLOUCESTER GAP (R)	H-4	TVA	3200	3	11.89		2.12		4.86		6.50		4.69		6.62		2.34		5.16		3.06		11.13		7.69		3.99		70.05		----
285	BREVARD	H-4	USWB	2250	48	10.68	4.50	2.13	4.40	4.12	5.10	4.24	4.40	1.65	5.20	4.16	5.80	3.58	6.80	3.98	6.60	4.27	4.90	8.03	4.90	6.78	3.20	#3.75	5.80	#57.37	61.60	12.0
286a	ROSMAN NO. 2	H-4	TVA	2200	14	11.07	7.53	2.06	6.45	4.48	6.58	5.50	5.72	4.05	5.11	7.54	5.04	4.72	8.52	4.29	7.92	2.73	4.71	8.64	4.67	7.91	5.14	3.85	6.15	66.84	73.54	15.0
640	SASSAFRAS MOUNTAIN	H-4	TVA	3500	6	11.01		1.66		4.54		6.62		4.51		8.69		2.45		3.50		4.99		12.28		9.02		3.89		73.16		----
663	QUEBEC (R)	H-4	TVA	2600	3	13.05		2.42		4.90		8.03		4.50		7.70		3.04		5.61		3.96		8.40		7.45		4.30		73.36		----

(#) Interpolated or partly interpolated. (R) Recorder at present.



LEGEND

—12— RAINFALL IN INCHES

—·—·— STATE LINES

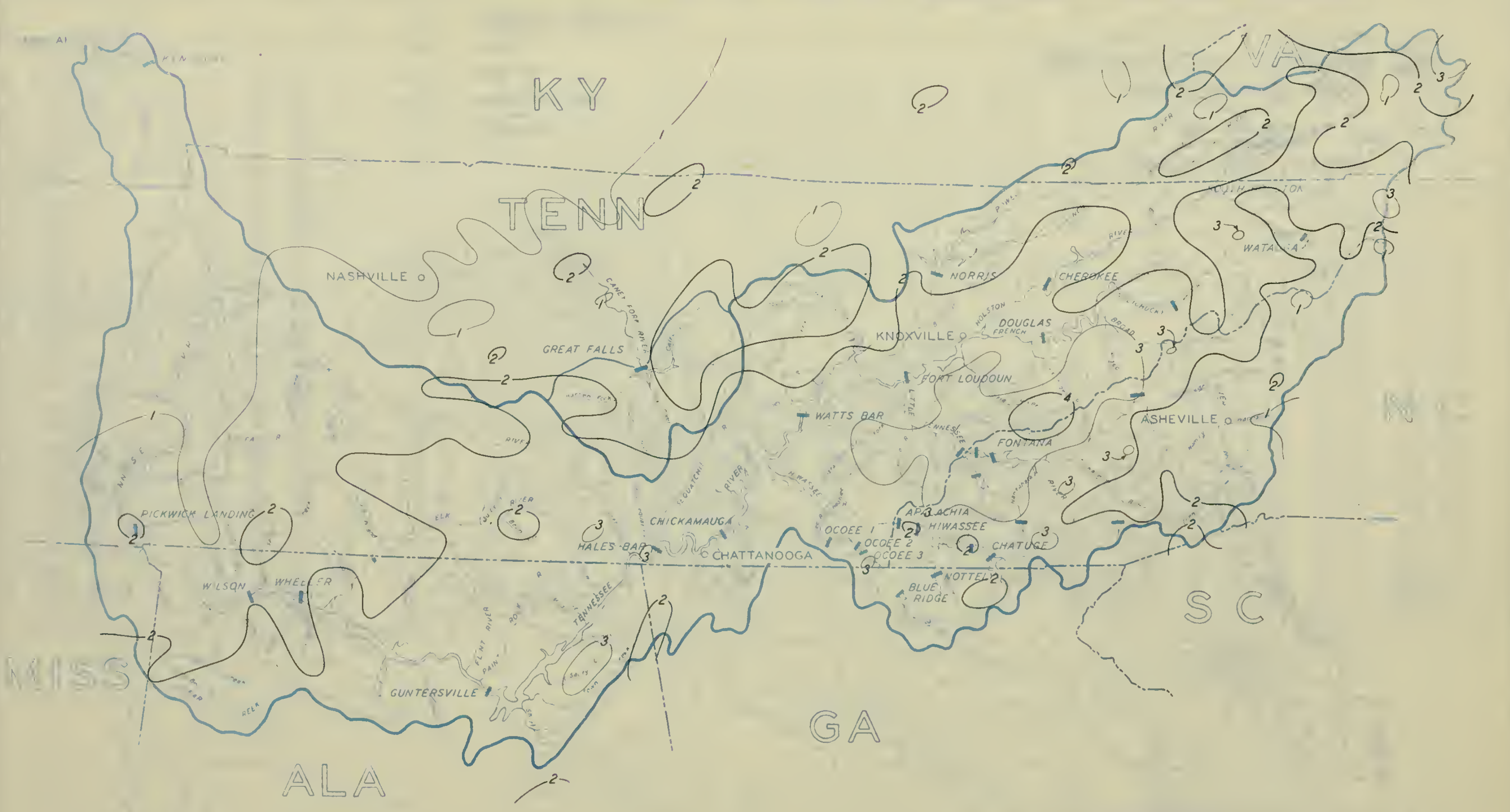
▬ DAMS

⬚ DAMS UNDER CONSTRUCTION

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN
PRECIPITATION—JANUARY 1947

SCALE 10 0 10 20 30 40 50 MILES



LEGEND

— 2 — RAINFALL IN INCHES

—·—· STATE LINES

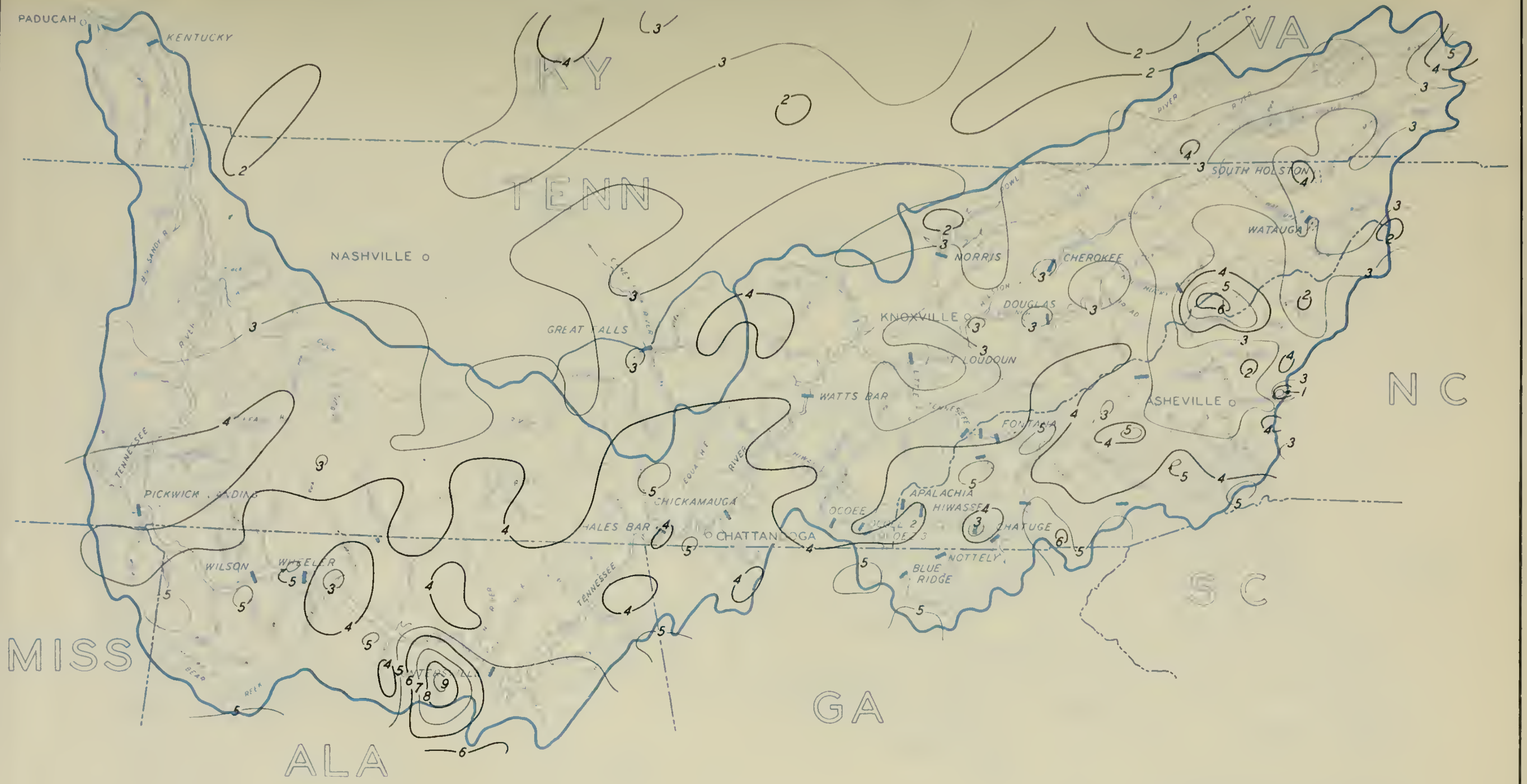
▬ DAMS

▭ DAMS UNDER CONSTRUCTION

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN
PRECIPITATION— FEBRUARY 1947

SCALE 10 0 10 20 30 40 50 MILES



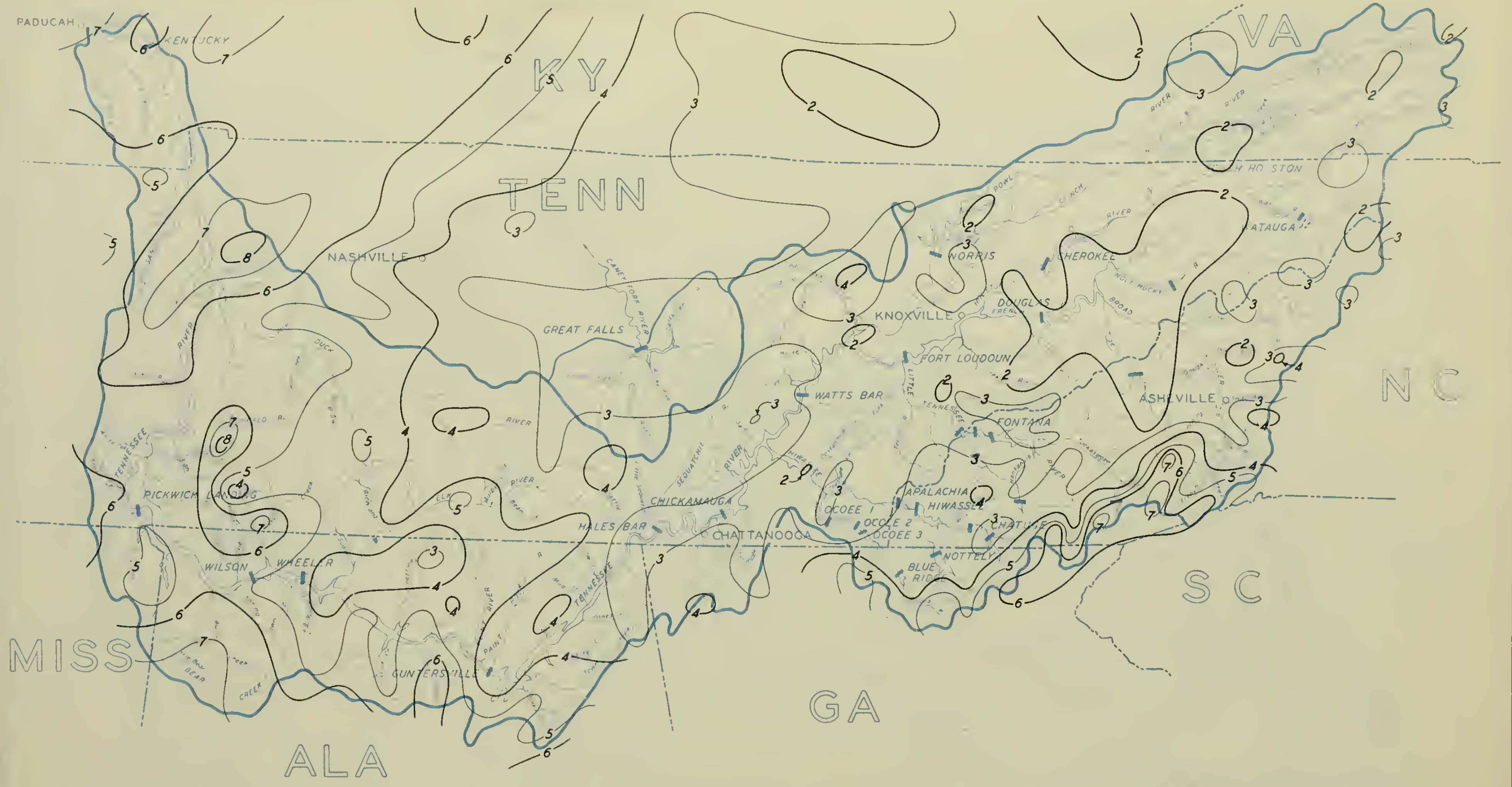
TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN
PRECIPITATION—MARCH 1947

SCALE 10 0 10 20 30 40 50 MILES

LEGEND

- —4— RAINFALL IN INCHES
- —·—·— STATE LINES
- ▬ DAMS
- ⬚ DAMS UNDER CONSTRUCTION



LEGEND

—2— RAINFALL IN INCHES

—·— STATE LINES

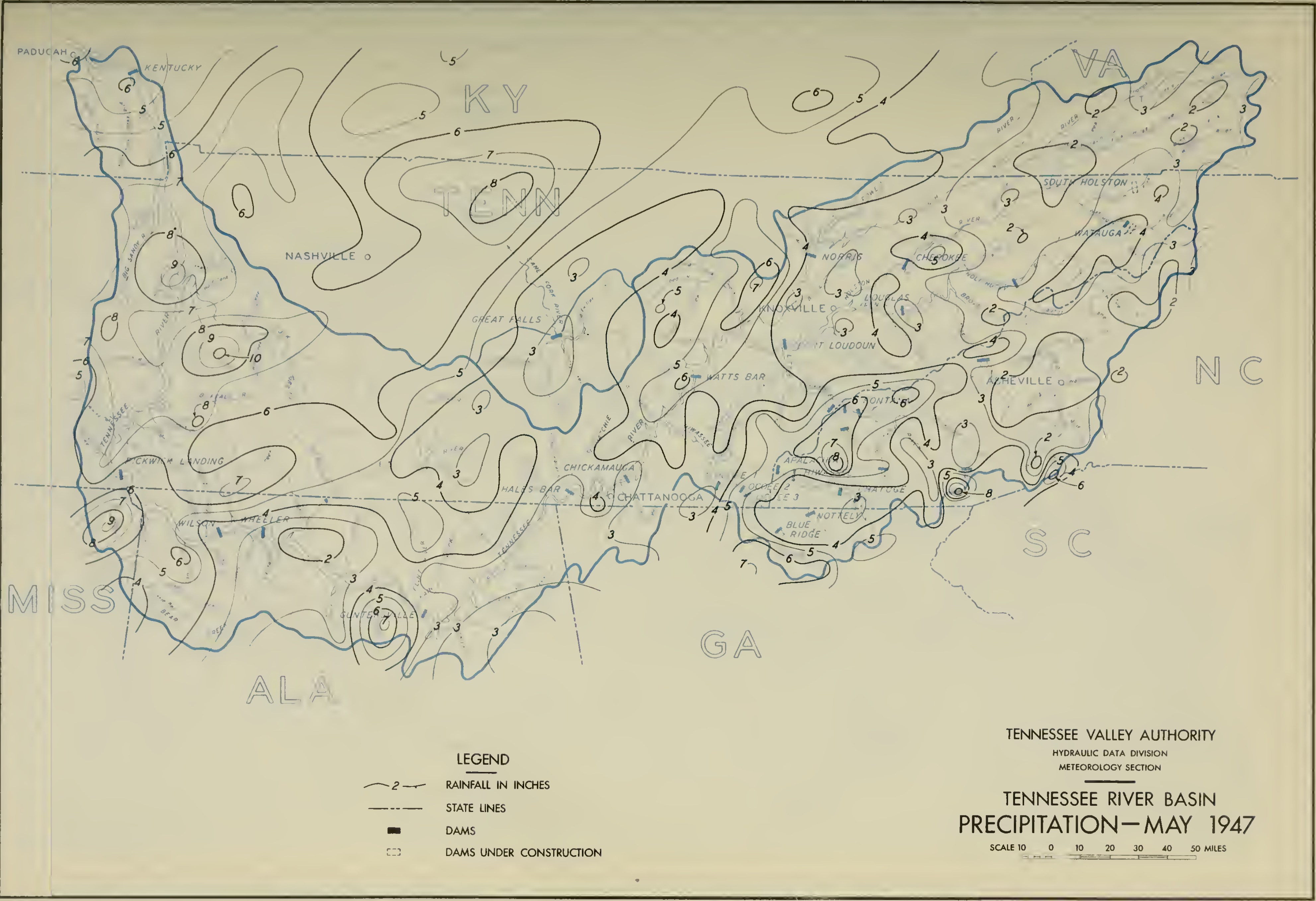
▬ DAMS

⬚ DAMS UNDER CONSTRUCTION

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

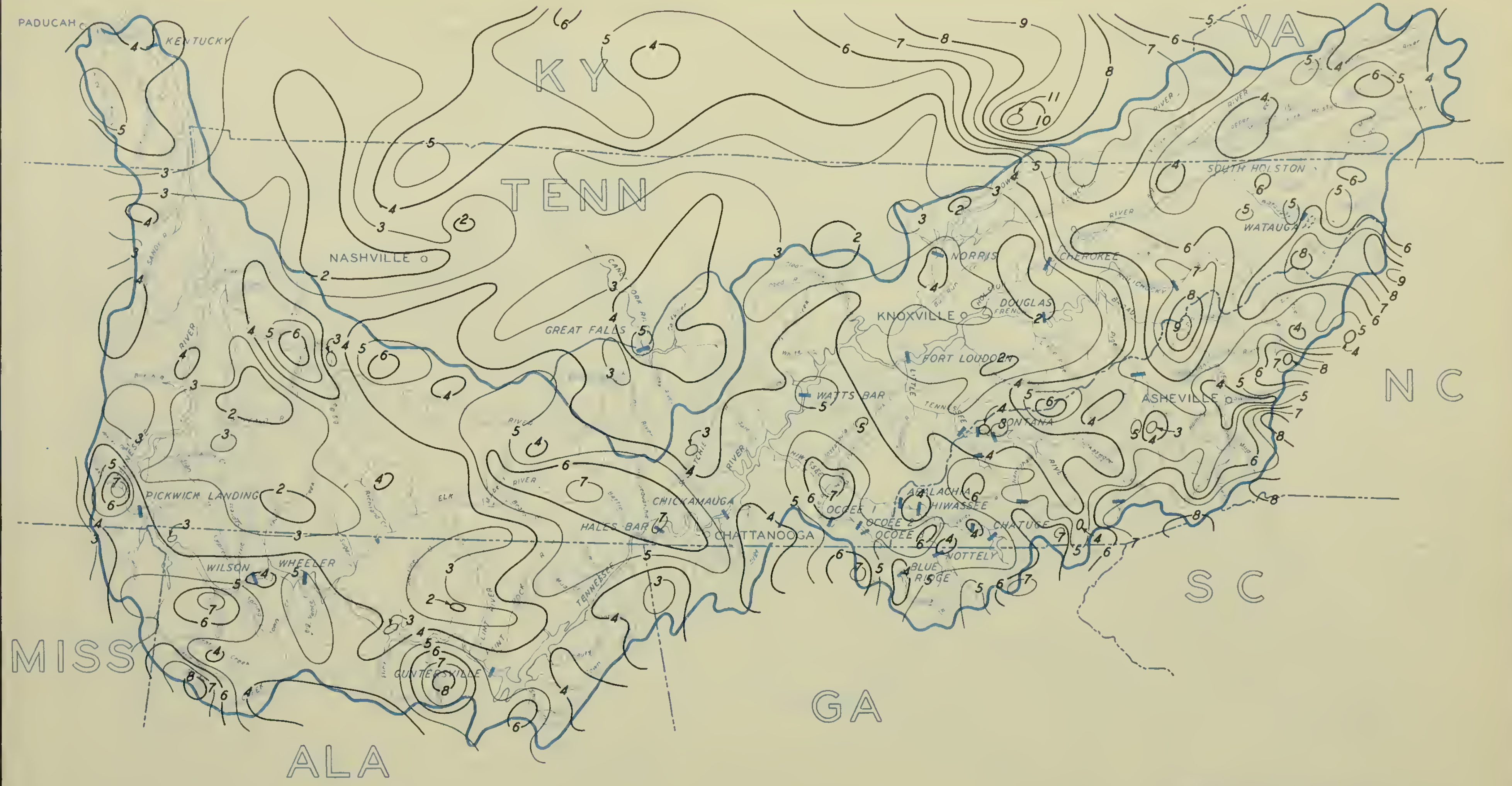
TENNESSEE RIVER BASIN
PRECIPITATION—APRIL 1947

SCALE 10 0 10 20 30 40 50 MILES



TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN
PRECIPITATION—MAY 1947



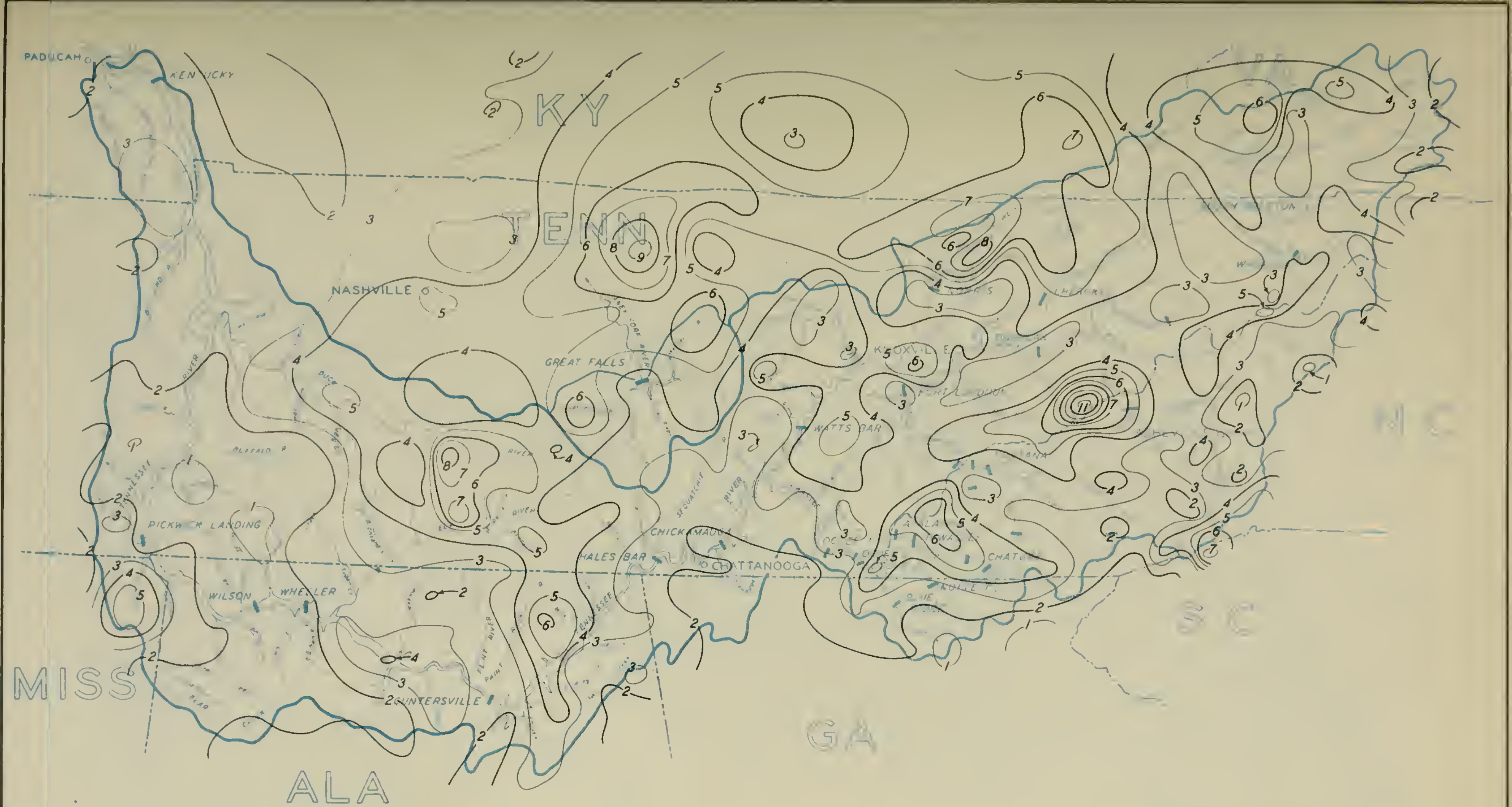
LEGEND

— 6 — RAINFALL IN INCHES
—·—·— STATE LINES
▬ DAMS
⬚ DAMS UNDER CONSTRUCTION

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION
METEOROLOGY SECTION

TENNESSEE RIVER BASIN
PRECIPITATION—JUNE 1947

SCALE 10 0 10 20 30 40 50 MILES



SYMBOLS:

—2— Rainfall in Inches

—·—·— State Lines

▬ Dams

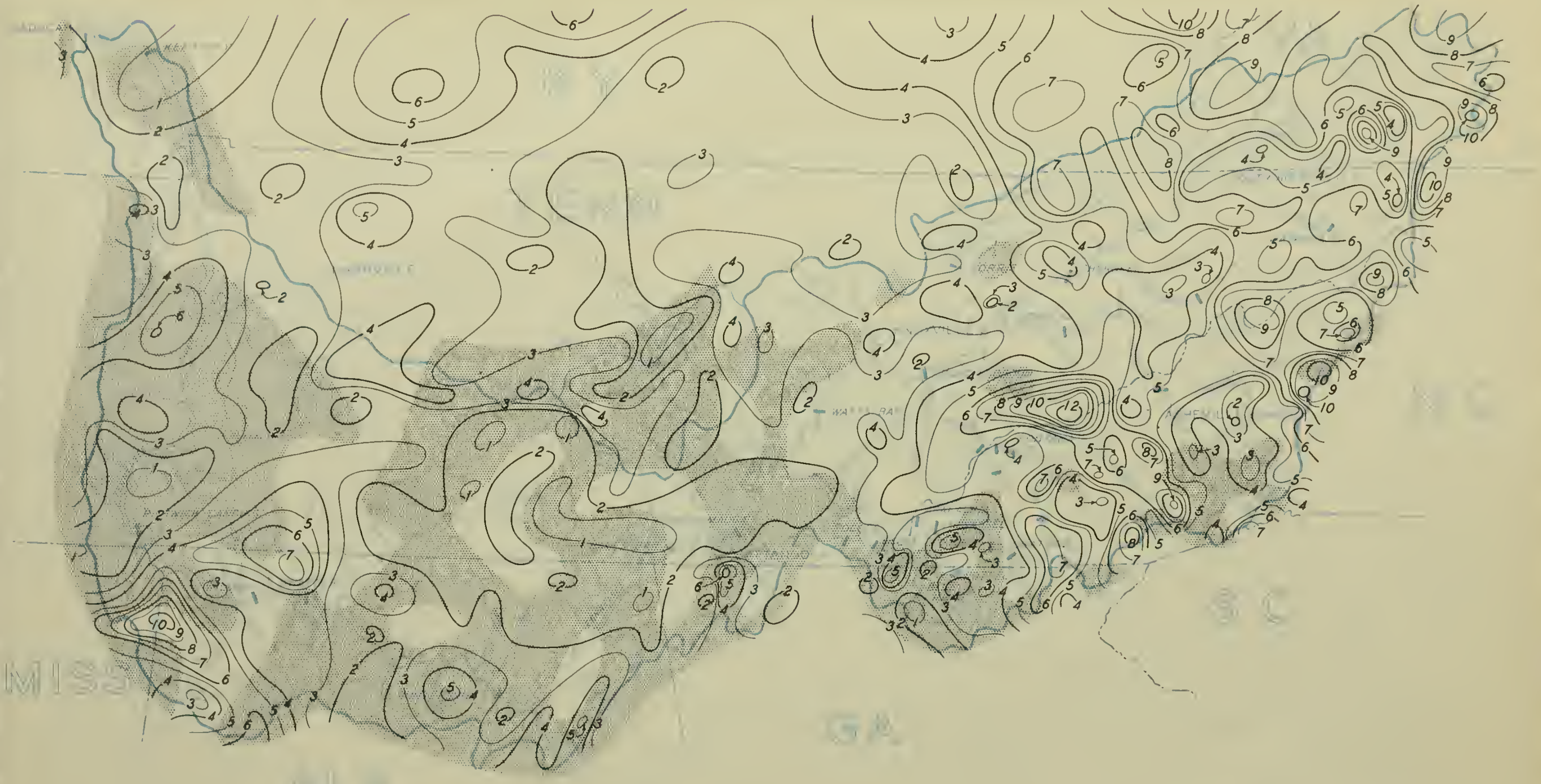
⬚ Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION

TENNESSEE RIVER BASIN

PRECIPITATION—JULY 1947

SCALE 10 0 10 20 30 40 50 MILES



DROUGHT IS A PERIOD OF 21 OR MORE CONSECUTIVE DAYS DURING WHICH LESS THAN ONE-THIRD OF NORMAL RAINFALL OCCURRED, EXCEPT THAT DURING NO INTERVAL OF 21 CONSECUTIVE DAYS IN THIS PERIOD SHALL THE RAINFALL EXCEED ONE-THIRD OF NORMAL.

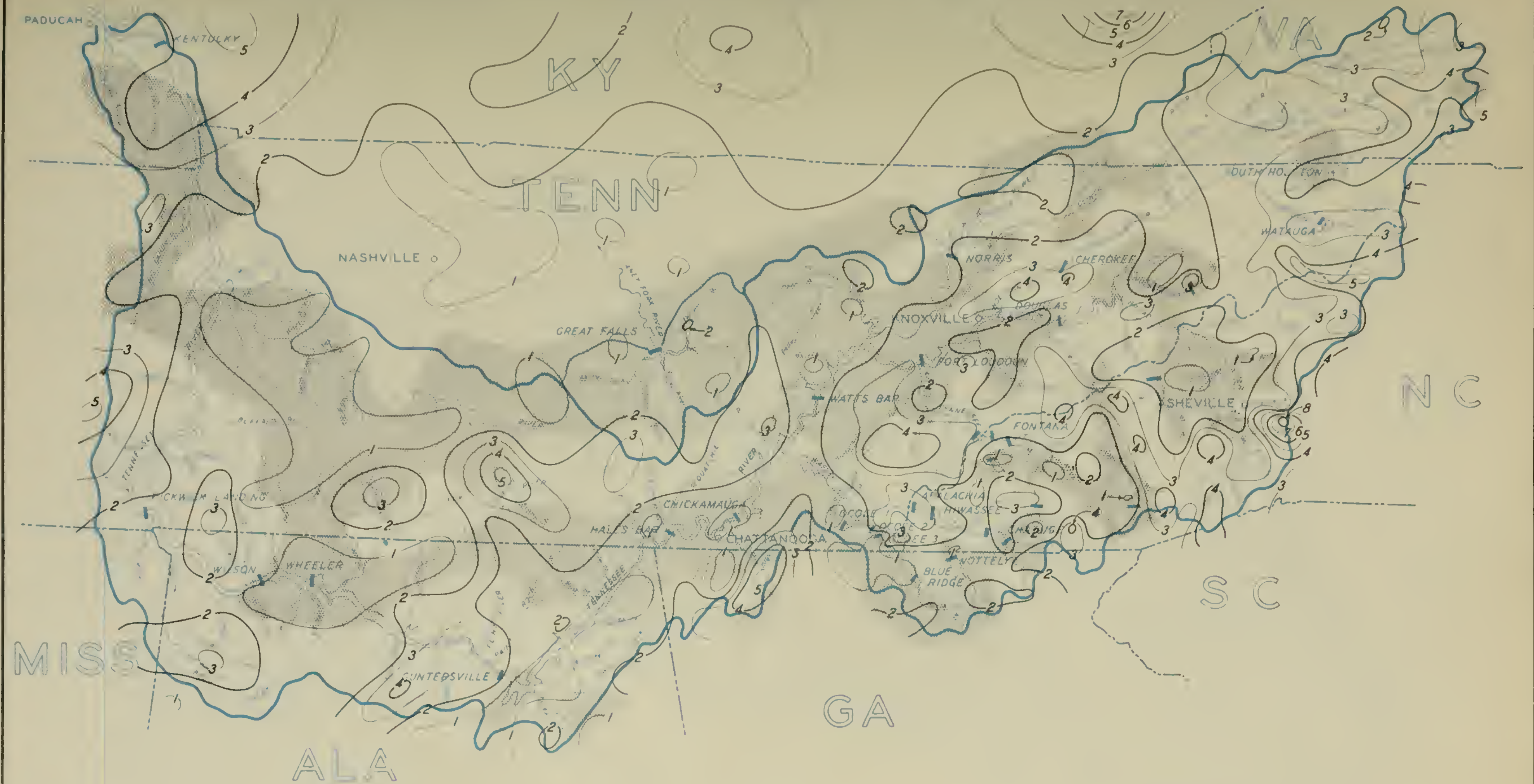
SYMBOLS:

—6—	Rainfall in Inches
▨	Area Affected By Drought
—·—·—	State Lines
■	Dams
⬚	Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION

TENNESSEE RIVER BASIN
PRECIPITATION—AUGUST 1947

SCALE 10 0 10 20 30 40 50 MILES



DROUGHT IS A PERIOD OF 21 OR MORE CONSECUTIVE DAYS DURING WHICH LESS THAN ONE-THIRD OF NORMAL RAINFALL OCCURRED, EXCEPT THAT DURING NO INTERVAL OF 21 CONSECUTIVE DAYS IN THIS PERIOD SHALL THE RAINFALL EXCEED ONE-THIRD OF NORMAL.

SYMBOLS:

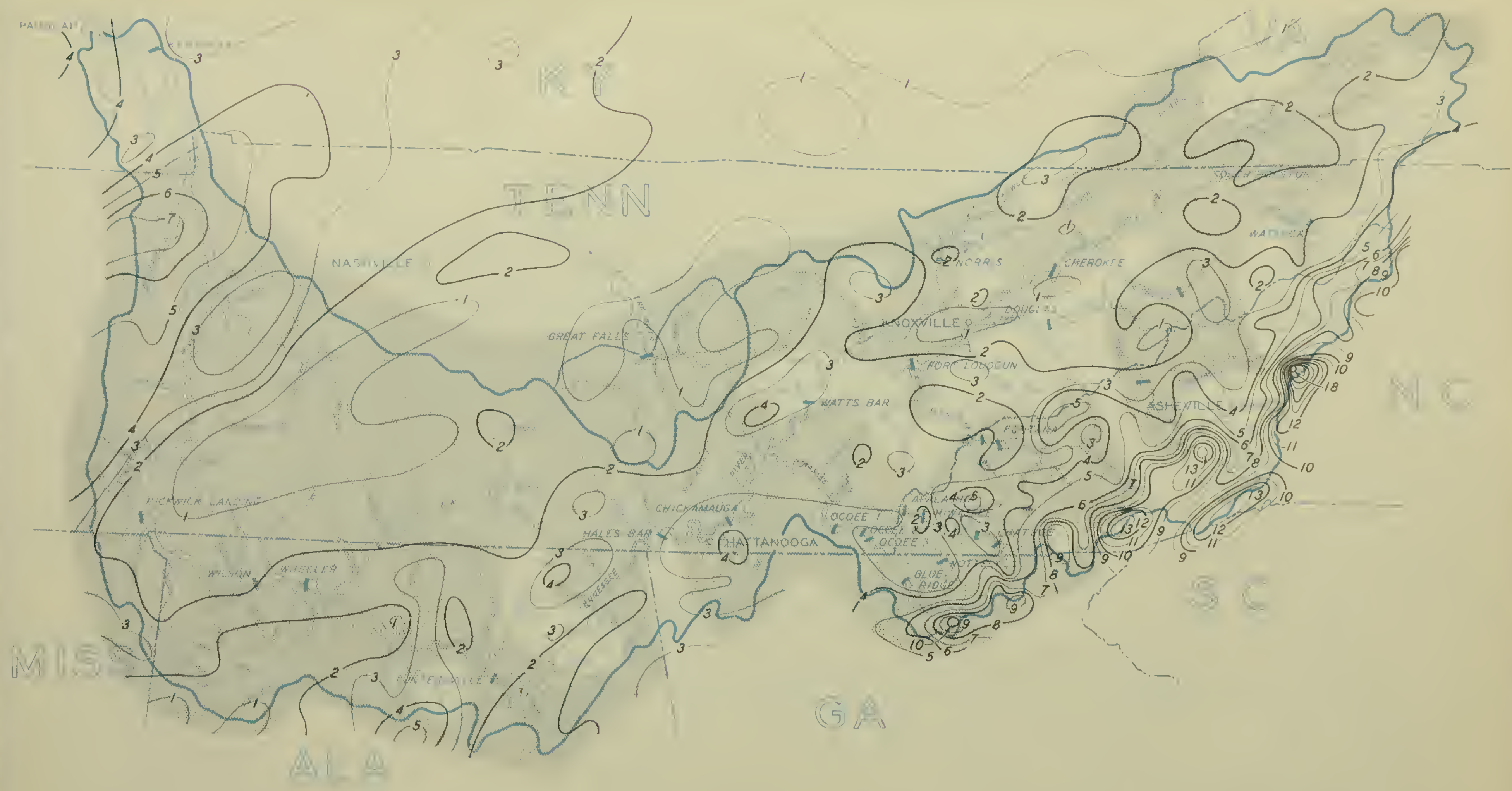
—2—	Rainfall in Inches
▨	Area Affected By Drought
—·—·—	State Lines
▬	Dams
▭	Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION

TENNESSEE RIVER BASIN

PRECIPITATION—SEPTEMBER 1947

SCALE 10 0 10 20 30 40 50 MILES



DROUGHT IS A PERIOD OF 21 OR MORE CONSECUTIVE DAYS DURING WHICH LESS THAN ONE-THIRD OF NORMAL RAINFALL OCCURRED, EXCEPT THAT DURING NO INTERVAL OF 21 CONSECUTIVE DAYS IN THIS PERIOD SHALL THE RAINFALL EXCEED ONE-THIRD OF NORMAL.

SYMBOLS:

—2—	Rainfall in Inches
▨	Area Affected By Drought
—·-·—	State Lines
▬	Dams
▭	Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION

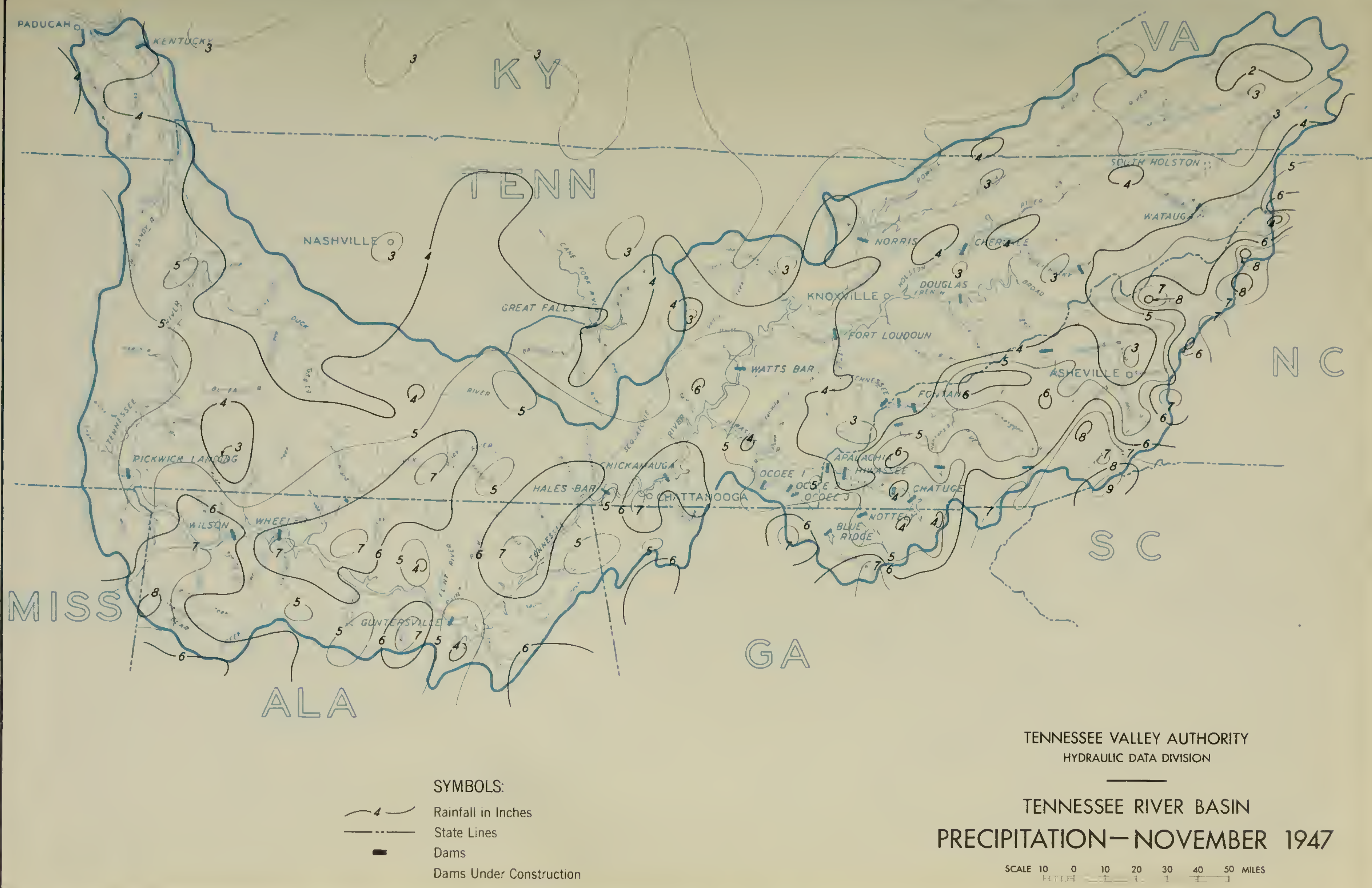
TENNESSEE RIVER BASIN

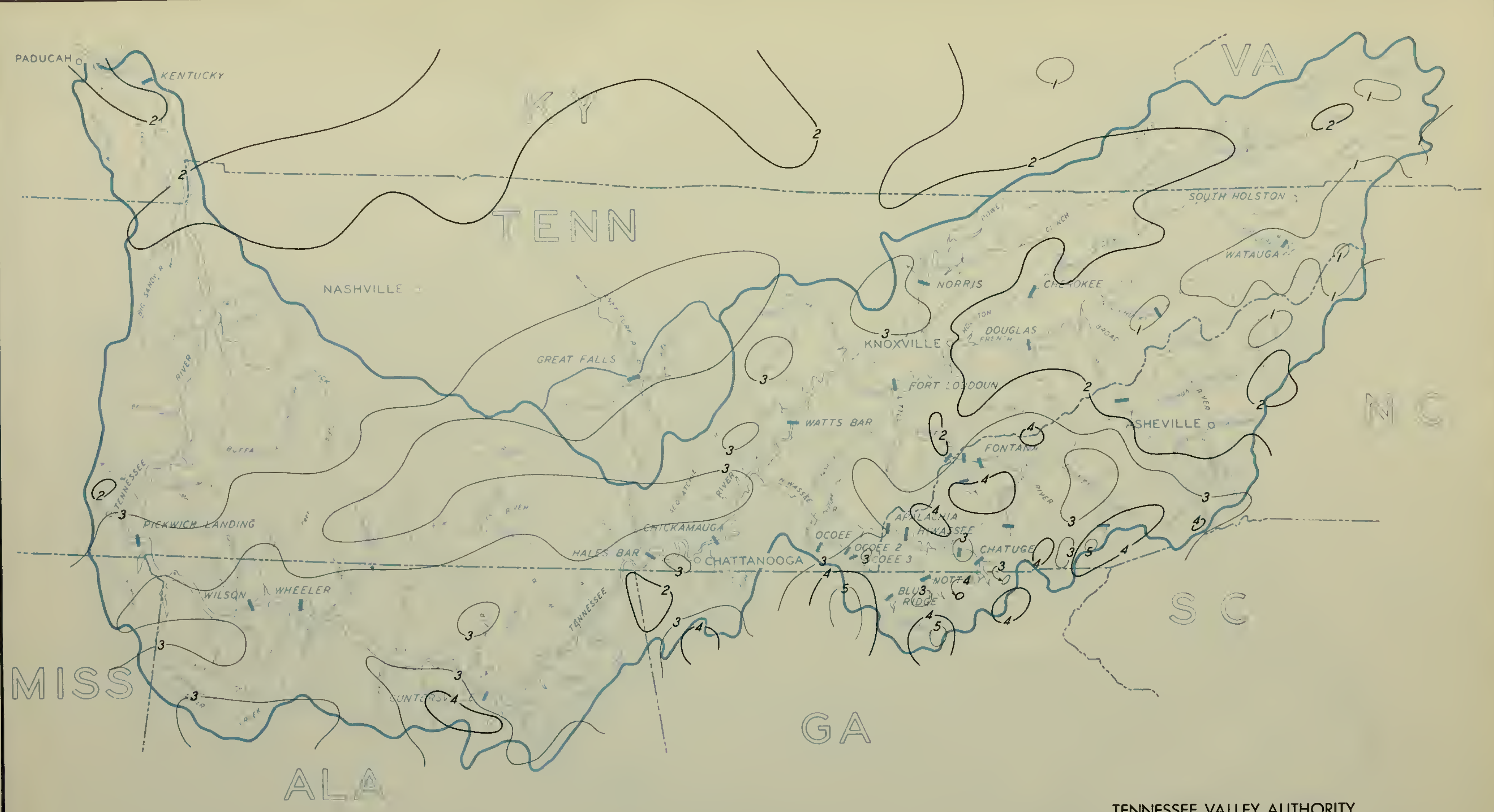
PRECIPITATION— OCTOBER 1947

SCALE 10 0 10 20 30 40 50 MILES

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION

TENNESSEE RIVER BASIN
PRECIPITATION—NOVEMBER 1947





SYMBOLS:

Rainfall in Inches
State Lines
Dams
Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION

TENNESSEE RIVER BASIN
PRECIPITATION—DECEMBER 1947

SCALE 10 0 10 20 30 40 50 MILES

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PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1948

PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1948

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TENNESSEE VALLEY AUTHORITY
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ALBERT S. FRY, Chief of Branch

PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1948

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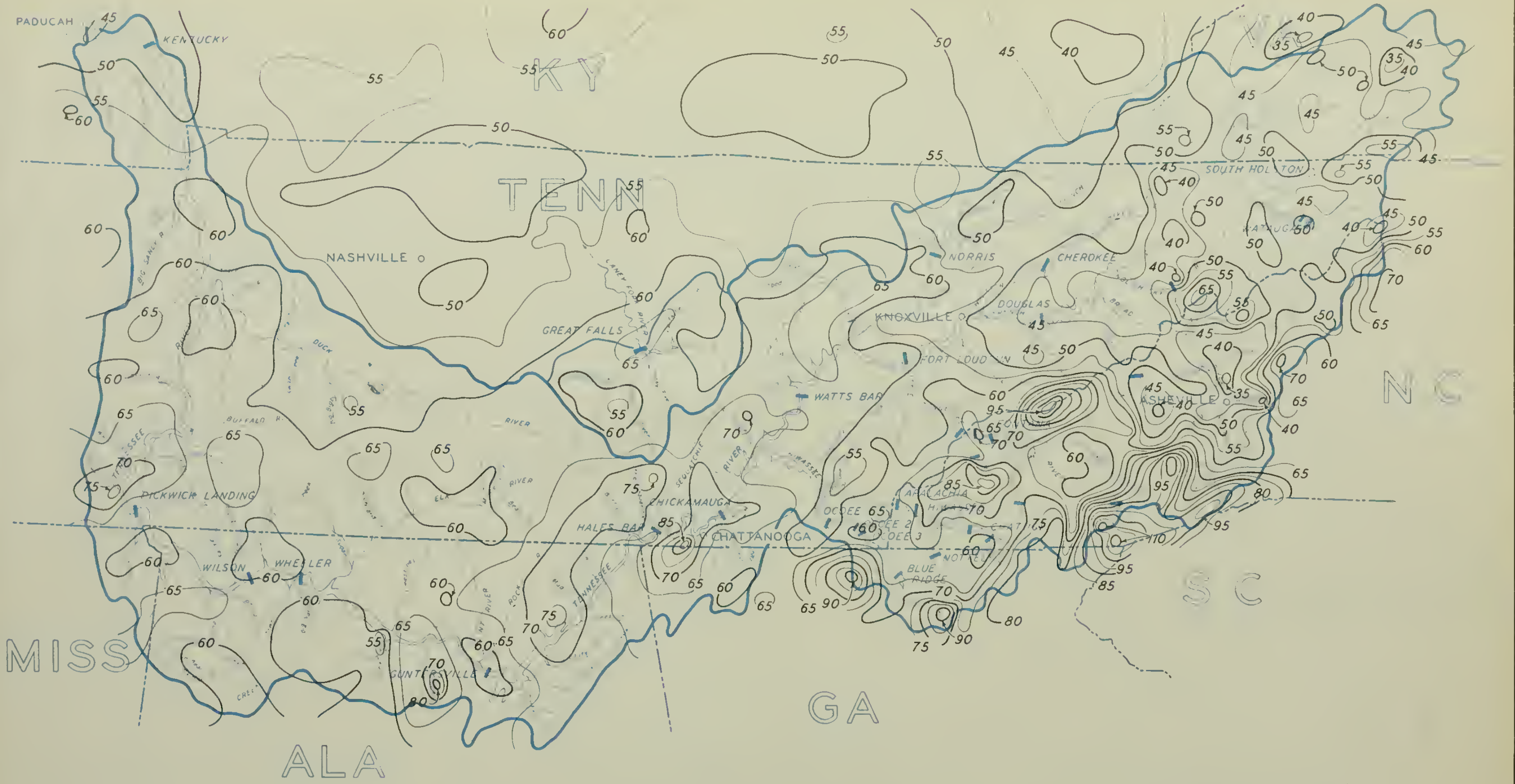

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION—YEAR 1948

SCALE 10 0 10 20 30 40 50 MILES

SYMBOLS:

- —70— Rainfall in Inches
- —·—·— State Lines
- ▬ Dams
- ▫ Dams Under Construction

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T25 p1
1948

PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1948

The greatest average precipitation in the past 16 years occurred in 1948 over the Tennessee River Basin. The total of 59.39 inches was 7.72 inches above the normal 51.67 inches, and the greatest for the Basin since 1932. Rainfall in the area above Hales Bar was 57.11 inches, 6.26 inches greater than the normal 50.85 inches, while the average of 62.01 inches in the area below Hales Bar exceeded the normal 52.57 inches by 9.44 inches. Monthly precipitation was above the normal in five months: February, March, July, November, and December. November was the wettest month of the year and the wettest November of record at nearly every long-term rainfall station in the Tennessee Valley. The driest month was October.

More than 100 inches of precipitation was recorded by four stations for 1948, and ten other stations recorded amounts in excess of 90 inches. The greatest annual total was 110.85 inches at the TVA station at Highlands, North Carolina. This station, installed in December 1941, has recorded the maximum for the Tennessee Valley in four out of its seven years of record. The seven-year average of 89.3 inches at the station is 6.5 inches greater than the average for the same period at the nearby U. S. Weather Bureau gage. Comparable high annual totals at the long-term Weather Bureau station are as follows: 105.24 inches in 1898, 106.17 inches in 1901, 111.20 inches in 1915, and 105.10 inches in 1916. The Weather Bureau station reported 100.41 inches for 1948. Other stations recording amounts over 100 inches were Big East Fork Pigeon with 101.11 inches and Davidson River Fish Rearing Station with 100.57 inches. All but one of the fourteen stations recording 90 inches or more in 1948 were located along the Blue Ridge. The exception was Clingmans Dome, in the Great Smoky Mountains, where the 1948 total of 98.84 inches was the greatest in 13 years of record.

Eight stations, all located in the French Broad or Holston River watersheds, caught less than 40 inches of precipitation for the year. The minimum was 33.03 inches at Spring Creek, Virginia, on the divide between the Clinch and Holston River headwaters. The fourteen-year average at this station is only 34.5 inches.

The maximum monthly amounts in 1948 occurred in November when Big East Fork Pigeon caught 23.44 inches, and the TVA station at Highlands caught 23.43 inches. The greatest amount of precipitation in 24 hours was 7.30 inches recorded at Laurel Mountain, North Carolina, on July 10 and 11. This station, located on the Blue Ridge in the headwaters of Tuckasegee River, caught 9.32 inches during 44 hours of continuous rainfall on July 10 and 11. Ten miles to the southwest, the Highlands station recorded 11.35 inches in 48 hours during the same storm.

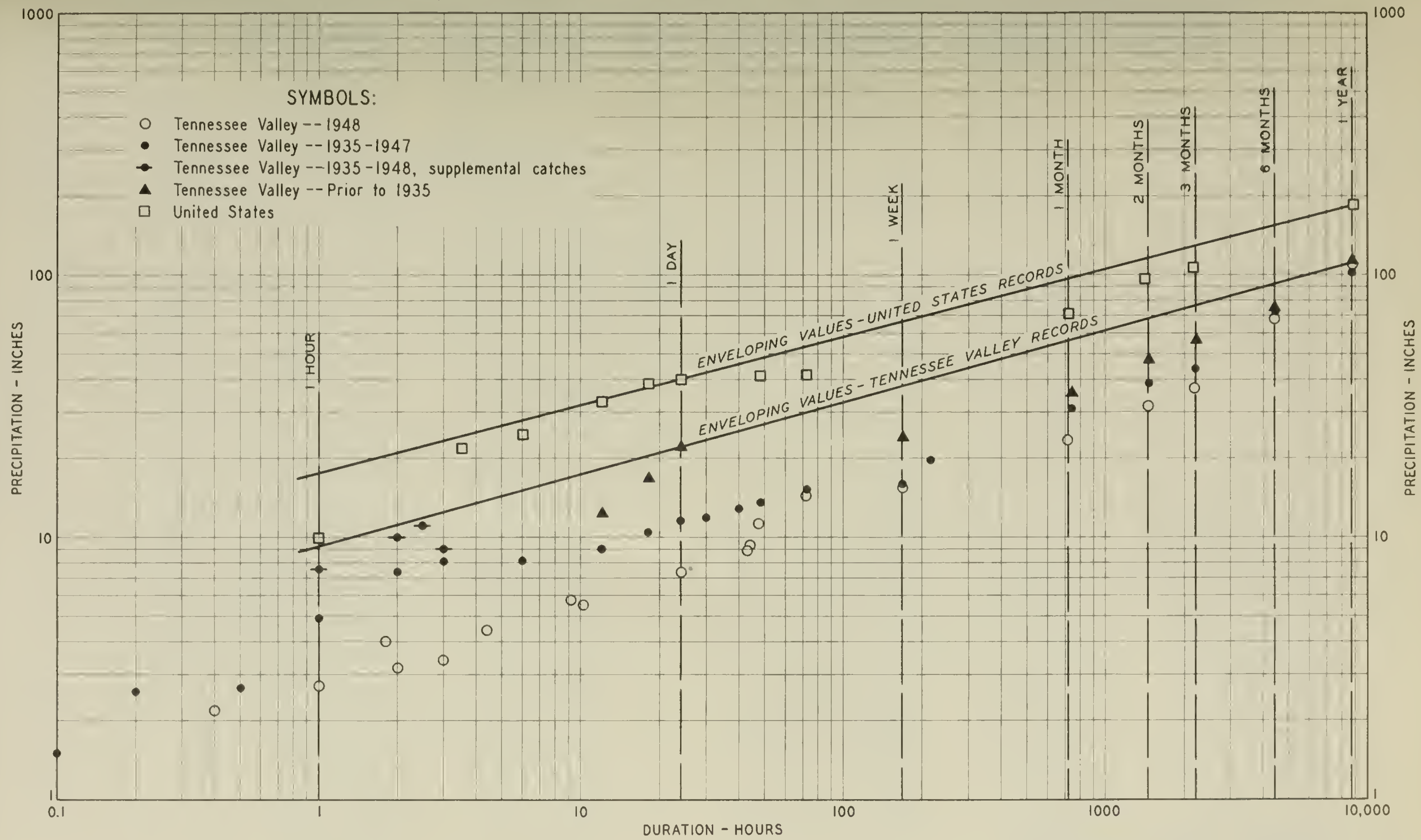
Among the watershed subdivisions, the French Broad River area above Blantyre, North Carolina, was again the maximum with 88.5 inches. This 296 square-mile area, which exceeded all others in the Valley in March, May, July, August, September, and November of 1948, has recorded the annual maximum precipitation in nine of the past twelve years for which records are available. The twelve-year average for the area is 70.1 inches. Six other watershed subdivisions, all in the Hiwassee and Little Tennessee River watersheds, averaged more than 70 inches of precipitation in 1948. The minimum watershed subdivision average precipitation was 45.2 inches in the French Broad River area from Hartford, Newport, and Morristown to Douglas Dam. This same area was a minimum in 1947. Ten other subdivisions, all in the Clinch, Holston, and French Broad River watersheds, had annual averages of less than 50 inches.

The orographic effect of the mountains in the southeastern part of the Valley produced extremely sharp changes in annual rainfall over short distances in 1948. For example, beginning at Highlands and following a north-northwesterly line there is a decrease in annual catch from nearly 111 inches at Highlands to 53.4 inches at Franklin, only 13 miles away. For the next 16 miles the catch is generally around 55 to 60 inches, but from Ela with 59.2 inches the annual total increases to 98.8 inches at Clingmans Dome within a distance of 10 miles. On the north side of the Great Smokies there is a sharp drop to 61.2 inches at Gatlinburg, 10 miles from Clingmans Dome, and a further decrease to 43.2 inches at Pigeon Forge, 6 miles beyond Gatlinburg. A similar north-northwesterly line from the high spot at Big East Fork Pigeon shows a decrease from 101.1 inches at the latter station to 52.7 inches at Dix Creek, 6 miles away.

Snowfall of consequence occurred generally over the Valley in January and February and over the eastern portion in December. A total of sixteen reporting stations recorded amounts in excess of 30 inches for the year. Nearly all of these were located in the headwaters of Clinch, Holston, and Nolichucky Rivers, and none were in the western half of the Valley. The maximum snowfall depth for the year among these stations was 52.0 inches at Burkes Garden, Virginia. This station was also a maximum in 1947 with 89.5 inches. Observations made in connection with the snowfall study in the Great Smoky Mountains showed a range in annual snowfall from 8 inches at the lower elevations to 50.9 inches at Newfound Gap and approximately 60 inches at Clingmans Dome. A total of 46.7 inches was recorded on Mount Mitchell. The average snowfall in the Tennessee Valley west of Chattanooga, based on records at 114 stations, was 10.8 inches. The average east of Chattanooga, based on 195 reporting stations was 17.4 inches. Sixteen stations in the Caney Fork area above Great Falls Dam reported an average depth of 16.1 inches.

High Rainfall in Tennessee Valley

Although the average precipitation for 1948 over the Tennessee Valley was the greatest since 1932, the rainfall for shorter periods than a year did not exceed previous records set since the Tennessee Valley Authority began observations in the fall of 1934.



Data on maximum point precipitation in the United States are based on U. S. Weather Bureau records.

MAXIMUM POINT PRECIPITATION
FOR VARIOUS TIME INTERVALS
IN THE
TENNESSEE VALLEY
AND IN THE UNITED STATES

On the accompanying chart, the maximum point rainfall amounts for various time intervals in 1948 are compared with maximums previously recorded by TVA during the period 1935 to 1947. It will be noted that 1948 was a maximum only for the annual period, the Highlands catch for 1948 exceeding the previous record of 101.13 inches set at Haw Knob, Tennessee, in 1938. Also included on the chart are several supplemental one- to three-hour catches obtained by TVA engineers during the past 14 years while investigating intense rainstorms in the Valley.

A search was made through U. S. Weather Bureau records at Valley stations prior to 1935 for maximum amounts of precipitation measured in periods of 12 hours or more, and these are indicated by appropriate symbol. This search was not exhaustive but was confined to those stations where high rainfall may be expected normally. The points shown on the chart are for Altapass and Highlands, North Carolina.

As a means of comparing the Tennessee Valley precipitation with that over the United States as a whole, there has been added data covering the maximum point rainfall in the United States. For periods of one to 72 hours the data are from a tabulation of maximum observed values of United States rainfall prepared by the Hydrometeorological Section of the U. S. Weather Bureau, revised to August 1945. For periods of one month to one year, the plotted points are based on a search of published U. S. Weather Bureau records for the states of Washington, Oregon, and California covering the period of record through 1947.

High Rainfall at Center Grove, Alabama

An example of the apparent effect of even minor orographic lifting on precipitation is given by the record for the past several years at Center Grove, Alabama. This daily rainfall station, located in North Alabama approximately 15 miles west of Guntersville Dam, recorded more rainfall in 1947 and 1948 than any Valley station west of Chattanooga. In these two years its annual total exceeded that of its immediate neighbors by approximately 25 inches.

The general location of the Center Grove station is shown on the index map on page 27 of this publication. The station is designated as No. 66. Surrounding Center Grove within a radius of 18 miles are four other rainfall stations: No. 67 St. Bernard, No. 70 Guntersville Dam, No. 384 Falkville, and No. 576 Farley. Records at St. Bernard began in 1907, at Center Grove in September 1935, at Guntersville Dam in April 1936, at Falkville in July 1938, and at Farley in September 1941.

The following tabulation compares the annual rainfall since 1937 at Center Grove with that at the surrounding stations.

	Precipitation - Inches				
	At Surrounding Stations				
Year	Maximum	Minimum	Average	At Center Grove	Percent Difference
1937	55.35	54.10	54.72(a)	58.48	+7
1938	54.62	47.97	51.30(a)	53.12	+4
1939	62.47	51.30	57.84(b)	51.63	-11
1940	53.07	43.19	48.73	49.52	+2
1941	49.58	35.75	42.64	46.55	+9
1942	45.84	40.94	43.22(c)	41.74	-3
1943	36.87	32.36	35.11	47.05	+34
1944	54.38	50.23	51.94	61.31	+18
1945	54.04	45.52	50.29	49.23	-2
1946	74.63	64.05	70.72	80.96	+14
1947	49.70	45.42	47.24	75.89	+61
1948	60.53	55.42	58.05	82.59	+42
Averages			50.98	58.17	+14

(a) St. Bernard and Guntersville Dam only.
(b) Falkville added.
(c) Farley added.

The outstanding period is that from 1943 to 1948, inclusive, when Center Grove had an average annual precipitation of 66.17 inches as compared to an average of 52.22 inches at the other four stations. There is no obvious explanation for the varying differences between the Center Grove rainfall and the four-station average. Probably it is a result of varying climatic conditions which make the lifting mechanism at the Center Grove gage more effective in some years than in others.

The Center Grove station is located in a plateau area which has been deeply dissected by Cotaco Creek and its tributaries. The remnants of the plateau have a top elevation varying between 1000 and 1100 feet. The wide, flat bottoms along Cotaco Creek valley and its tributaries in the immediate vicinity of the gage have apparently stabilized at elevations between 570 and 600 feet. Steep escarpments exist over most of the area.

The rainfall station is situated in the valley of a small branch flowing southward from Center Grove Mountain into the West Fork of Cotaco Creek. The gage site is on the east slope of the valley at elevation 780 feet. Roach Mountain, a small remnant of the original plateau with top elevation 1040 feet, is located one-quarter mile to the northwest of the gage. Ryan Mountain, a somewhat larger portion of the plateau with top elevation up to 1080 feet, is situated three-quarters of a mile to the northeast. The valley of the branch thus rises northward into a saddle between the two peaks at an elevation of 830 feet. Beyond the saddle is a steep escarpment dropping off into Cotaco Creek valley.

Immediately south of the branch valley, the valleys of Mud Creek, flowing north, and West Fork Cotaco Creek, flowing northeast, converge in a flat area more than one-half mile wide. Farther southward, a considerable area of the plateau extends to the Tennessee Valley divide, about six miles away from the gage.

A study of the weather maps for the days on which precipitation occurred in 1948 shows that the predominating wind direction during storms was from the southwest. Approximately 75 percent of the precipitation occurrences accompanied winds with a southerly component.

In the opinion of Theodore W. Kleinsasser, Meteorologist in charge of the U. S. Weather Bureau station at Knoxville, the narrow valley, or coulee, in which the Center Grove gage is located acts as a trap for the warm, moist air moving northeastward into the Tennessee Valley. These moisture-bearing winds, after flowing over the comparatively level surface of the plateau to the south, slope downward into the converging valleys of Mud Creek and West Fork Cotaco Creek. Here the opposing block of Center Grove Mountain deflects the air but a portion is trapped in the branch valley and is funnelled northward between the peaks of Ryan and Roach Mountains. The lift imparted to the air as it moves up the coulee appears to be the cause of the heavy rainfall at the station.

The four surrounding stations are all located in areas of low relief where the orographic influence would be negligible. Their average annual precipitation for the past 12 years is identical with that for watershed subdivision area No. 26, covering the Tennessee River tributary area from Guntersville to Decatur, Alabama. Thus, it appears that the catch at these stations represents the true rainfall in the vicinity uninfluenced by topographic factors.

The record at Center Grove has been scrutinized carefully for possible errors. District Engineer James W. Beverage and former Area Engineer Marvin S. Shadel both agree that the observer is conscientious and reliable, and there appears to be no reason to question the records either from the standpoint of the observer's honesty or her ability.

During the year 1949 it is planned to install additional rain gages in the Center Grove vicinity and to make investigations cooperatively with the U. S. Weather Bureau to determine the cause of the high rainfall at the station. It is hoped that sufficient information will be obtained during the year to permit drawing definite conclusions regarding this situation.

Special Reports

A total of twenty-three special investigations of storms in the Tennessee Valley were reported upon in monthly issues of this publication. A list of these reports, together with the date of the issue in which they were published, follows.

SPECIAL STORM INVESTIGATIONS DURING 1948

Storm	Monthly Bulletin Containing Report
Tornado of March 16, 1948, at Allsboro, Alabama	March
Tornado of March 16, 1948, at Florence, Alabama	March
Hailstorm of March 26, 1948, at Colbert Heights, Alabama	March
Hailstorm of March 28, 1948, at Bruceton and Hollow Rock, Tennessee	March
Tornado of March 26, 1948, in Maury County, Tennessee	March
Tornado of March 26, 1948, near Chattanooga, Tennessee	March
Tornado of April 6, 1948, near Three Forks, Alabama	April
Tornado of April 8, 1948, near Pulaski, Tennessee	April
Windstorm of April 8, 1948, near Skyland, North Carolina	April
Hailstorm of May 2, 1948, near Selmer, Tennessee	May
Intense Rain of May 30, 1948, near Damascus, Virginia	May
Windstorm of June 6, 1948, in Sullivan County, Tennessee	June
Windstorm of June 15, 1948, at Shiloh National Military Park, Tennessee	June

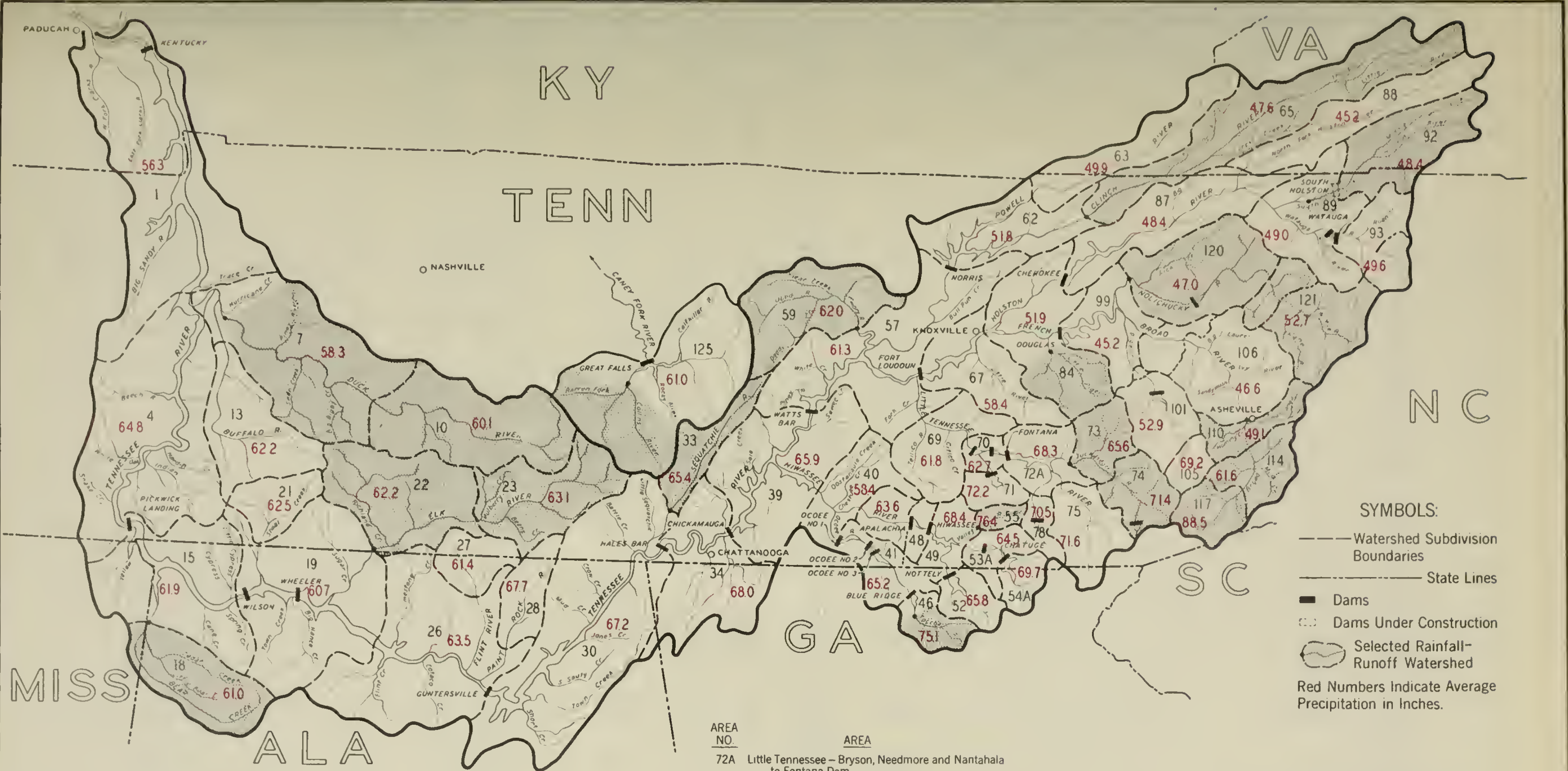
SPECIAL STORM INVESTIGATIONS DURING 1948--Continued

Storm	Monthly Bulletin Containing Report
Storm of July 10-11, 1948, in the Little Tennessee River Area	July
Storm of July 10-11, 1948, in the Upper French Broad River Area	July
Storm of July 14-15, 1948, near Bristol, Tennessee-Virginia	July
Storm of July 27-28, 1948, at Loudon, Tennessee	July
Floods of August 3-5, 1948, in the Upper French Broad River Area	August
Storm of September 4-6, 1948, in the Upper French Broad River Area	September
Storms of November 1948, in Tennessee Valley	November
Windstorm of November 5, 1948, in Giles and Maury Counties, Tennessee	November
Wind and Rainstorm of November 6, 1948, in Vicinity of Oliver Springs, Tennessee	November
Ice Storm of December 24-25, 1948, near Asheville, North Carolina	December

TENNESSEE RIVER BASIN PRECIPITATION DURING 1948

Precipitation in Inches

Month 1948	Above Hales Bar Actual	Below Hales Bar Actual	Tennessee River Basin			
					Deviation from Normal	
			Actual	Normal	Monthly	Cumulative
January	3.75	4.12	3.92	4.69	-0.77	-0.77
February	6.80	10.53	8.54	4.34	+4.20	+3.43
March	6.18	8.00	7.03	5.41	+1.62	+5.05
April	3.06	3.46	3.25	4.54	-1.29	+3.76
May	3.21	3.53	3.36	4.29	-0.93	+2.83
June	3.99	2.59	3.34	4.40	-1.06	+1.77
July	5.53	5.24	5.39	4.79	+0.60	+2.37
August	4.27	1.56	3.00	4.44	-1.44	+0.93
September	2.61	3.57	3.06	3.20	-0.14	+0.79
October	1.68	1.65	1.67	3.21	-1.54	-0.75
November	10.30	12.15	11.16	3.32	+7.84	+7.09
December	5.73	5.61	5.67	5.04	+0.63	+7.72
Total	57.11	62.01	59.39	51.67	-	+7.72



AREA NO.	AREA
1	Tennessee – Johnsonville to Mouth
4	Tennessee – Pickwick to Johnsonville
7	Duck – Columbia to Mouth
10	Duck – Above Columbia
13	Buffalo – Above Lobelville
15	Tennessee – Florence to Pickwick
18	Bear Creek – Above Bishop
19	Tennessee – Decatur to Florence
21	Shoal Creek – Above Iron City
22	Elk – Fayetteville to Prospect
23	Elk – Above Fayetteville
26	Tennessee – Guntersville to Decatur
27	Flint – Above Chase
28	Paint Rock – Above Woodville
30	Tennessee – Hales Bar to Guntersville
33	Sequatchie – Above Whitwell
34	Tennessee – Chickamauga to Hales Bar
39	Tennessee – Watts Bar to Chickamauga
40	Hiwassee – Reliance and Ocoee No. 1 to Charleston

AREA NO.	AREA
41	Ocoee – Blue Ridge to Ocoee No. 1
46	Toccoa – Above Blue Ridge
48	Hiwassee – Hiwassee Dam to Reliance
49	Hiwassee – Murphy, Nottely Dam and Tomotla to Hiwassee Dam
52	Nottely – Above Nottely Dam
53A	Hiwassee – Chatuge Dam to Murphy
54A	Hiwassee – Above Chatuge Dam
55	Valley – Above Tomotla
57	Tennessee and Clinch – Fort Loudoun to Watts Bar and Kingston to Norris Dam
59	Emory – Above Oakdale
62	Clinch – Arthur and Tazewell to Norris
63	Powell – Above Arthur
65	Clinch – Above Tazewell
67	Tennessee – Knoxville to Fort Loudoun
69	Little Tennessee – Calderwood to McGhee
70	Little Tennessee – Fontana and Santeetlah to Calderwood
71	Cheoah – Above Santeetlah

AREA NO.	AREA
72A	Little Tennessee – Bryson, Needmore and Nantahala to Fontana Dam
73	Tuckasegee – Dillsboro to Bryson
74	Tuckasegee – Above Dillsboro
75	Little Tennessee – Above Needmore
78	Nantahala – Above Nantahala
84	French Broad and Holston – Douglas and Cherokee to Knoxville
87	Holston – Gate City and Kingsport to Cherokee Dam
88	North Fork of Holston – Above Gate City
89	South Fork of Holston – South Holston Dam and Watauga Dam to Kingsport
92	South Fork of Holston – Above South Holston Dam
93	Watauga – Above Watauga Dam
99	French Broad – Hartford, Newport and Bent Creek to Douglas Dam
101	Pigeon – Canton to Hartford
105	Pigeon – Above Canton
106	French Broad – Asheville to Newport
110	French Broad – Bent Creek to Asheville
114	French Broad – Blantyre to Bent Creek
117	French Broad – Above Blantyre
120	Nolichucky – Embreeville to Above Morristown
121	Nolichucky – Above Embreeville
125	Caney Fork – Above Great Falls Dam

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

AVERAGE PRECIPITATION
ON
WATERSHED SUBDIVISIONS

YEAR 1948

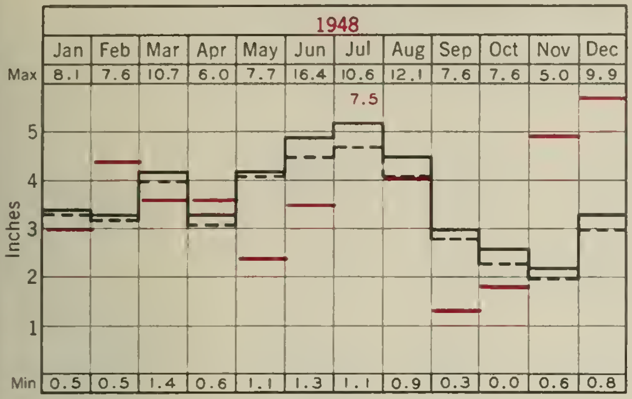
SCALE 10 0 10 20 30 40 50 MILES

AVERAGE PRECIPITATION OVER WATERSHED SUBDIVISIONS
1948 MONTHLY AND ANNUAL

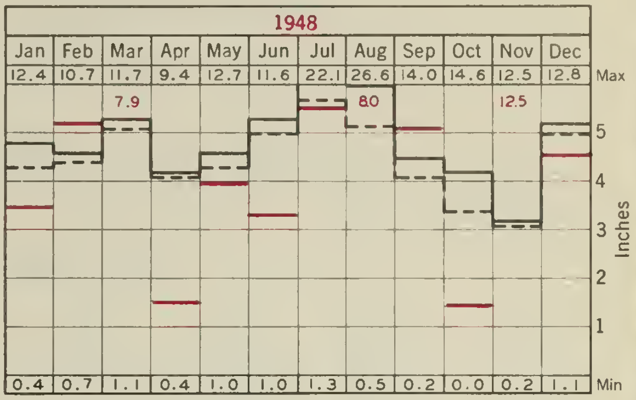
		Average Precipitation--Inches												
Subdivision		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Entire Tennessee River Basin	1948 Average	3.92	8.54	7.03	3.25	3.36	3.34	5.39	3.00	3.06	1.67	11.16	5.67	59.39
	12 Yr. Average	5.21	5.33	5.12	4.03	3.87	3.92	4.98	4.29	2.98	2.40	3.97	4.20	50.30
Area Above Hales Bar	1948 Average	3.75	6.80	6.18	3.06	3.21	3.99	5.53	4.27	2.61	1.68	10.30	5.73	57.11
	12 Yr. Average	4.86	4.95	4.79	3.70	3.84	4.15	5.67	4.68	2.97	2.53	3.48	4.03	49.65
Area Below Hales Bar	1948 Average	4.12	10.53	8.00	3.46	3.53	2.59	5.24	1.56	3.57	1.65	12.15	5.61	62.01
	12 Yr. Average	5.62	5.77	5.50	4.41	3.90	3.66	4.20	3.86	2.98	2.24	4.54	4.39	51.07
French Broad above Newport	1948 Average	3.59	4.84	5.90	2.16	3.85	4.26	5.74	6.20	3.87	1.29	9.96	5.07	56.73
	12 Yr. Average	4.38	4.29	4.69	3.40	3.85	4.39	6.05	5.61	3.33	2.84	3.41	3.66	49.90
French Broad Above Douglas Dam	1948 Average	3.45	5.10	5.19	2.31	3.38	4.14	5.55	5.21	3.27	1.39	8.66	5.33	52.98
	12 Yr. Average	4.28	4.26	4.42	3.28	3.64	4.15	5.94	5.08	3.15	2.70	3.22	3.53	47.65
Holston Above Cherokee Dam	1948 Average	3.02	4.68	4.50	3.06	2.99	4.53	5.63	4.83	2.06	1.44	6.09	5.26	48.09
	12 Yr. Average	3.85	3.86	3.71	2.91	3.62	4.10	5.54	4.48	2.94	2.40	2.72	3.21	43.34
Holston and French Broad Above Knoxville	1948 Average	3.33	5.18	4.93	2.68	3.17	4.21	5.46	4.85	2.59	1.41	7.74	5.42	50.97
	12 Yr. Average	4.16	4.19	4.16	3.17	3.65	4.09	5.75	4.78	3.04	2.55	3.03	3.45	46.02
Little Tennessee Above McGhee	1948 Average	4.70	7.31	7.60	3.63	4.13	4.29	6.61	5.34	2.93	1.57	12.80	6.66	67.57
	12 Yr. Average	6.03	5.90	5.95	4.39	4.38	4.37	6.49	5.41	3.22	2.76	4.11	4.84	57.85
Little Tennessee Above Fontana Dam	1948 Average	4.69	7.07	8.10	3.45	4.20	4.69	6.65	5.85	3.40	1.44	13.39	6.63	69.56
	12 Yr. Average	6.15	5.99	6.14	4.39	4.31	4.38	6.69	5.52	3.39	2.84	4.26	4.88	58.94
Clinch Above Norris Dam	1948 Average	3.45	6.02	5.57	3.05	2.69	4.10	4.43	3.49	2.17	1.46	7.78	5.01	49.22
	12 Yr. Average	4.43	4.39	4.21	3.30	3.43	4.31	5.32	4.60	2.72	2.30	2.98	3.39	45.38
Hiwassee Above Charleston	1948 Average	4.13	8.15	7.63	3.37	3.65	3.67	6.46	4.49	2.81	1.76	13.48	6.19	65.79
	12 Yr. Average	5.75	5.89	5.98	4.44	4.20	4.39	6.02	4.84	2.87	2.60	4.03	4.84	55.85
Hiwassee Above Hiwassee Dam	1948 Average	4.11	7.87	7.75	3.42	3.90	4.55	7.25	5.07	2.93	1.46	13.22	6.50	68.03
	12 Yr. Average	5.80	5.96	6.19	4.58	4.26	4.58	6.43	5.12	3.04	2.63	3.97	4.87	57.43

Note: 12 Year Averages Based on 1937-1948 Averages

MONTHLY PRECIPITATION AT SELECTED STATIONS



ELIZABETHTON, TENN.



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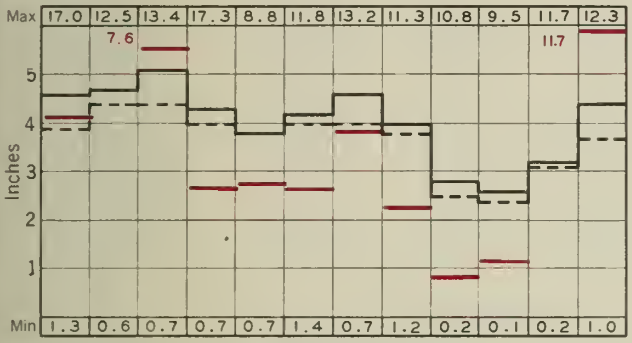

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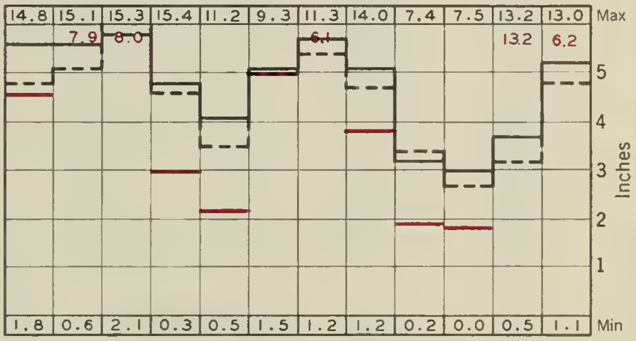

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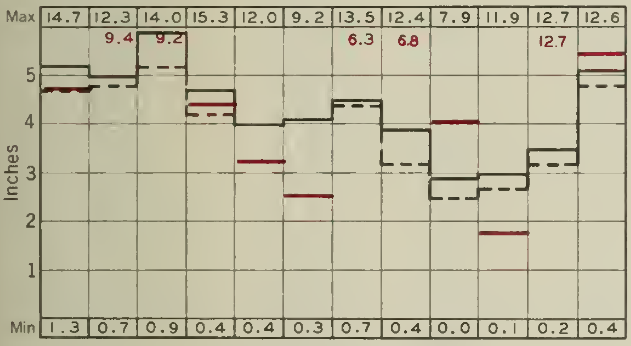

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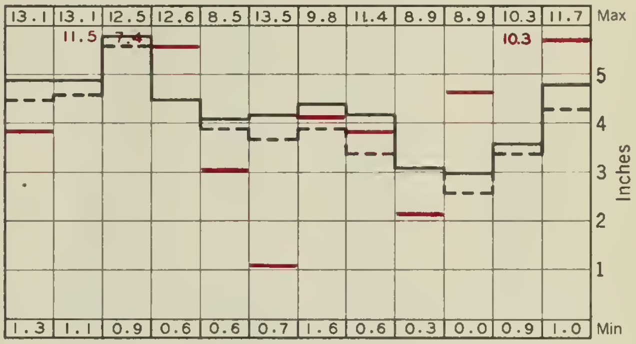

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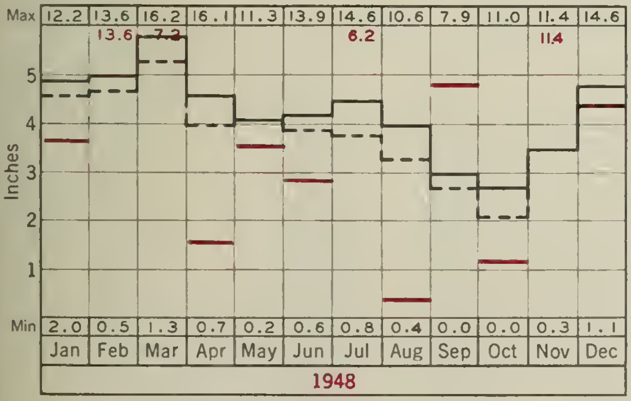

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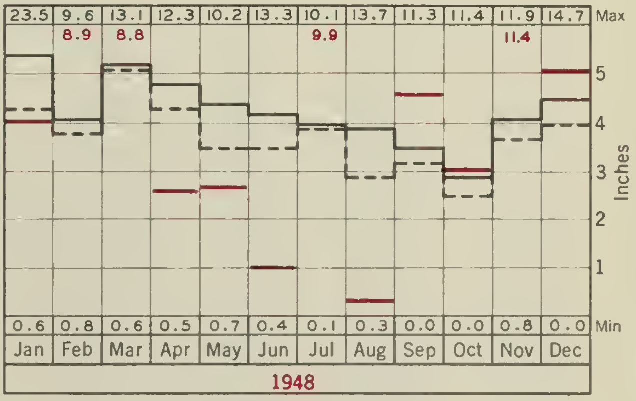


JOHNSONVILLE, TENN.

1948 Record —— or 6.2 Mean —— Median - - -

EVAPORATION DATA—YEAR 1948

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Evaporation (Inches)	Paris, Tenn.	1.01a	1.51a	3.46	5.62	6.09	7.25	7.32	6.47	4.66	3.30	2.11	1.35	50.15a
	Murphy, N. C.	0.53	1.30	3.27	4.88	5.88	5.69a	5.94	4.76	3.43	2.67	1.95a	0.89	41.19a
	Beetree Dam, N. C.	0.65a	1.51a	3.18	5.03	5.80	5.22	6.03	4.48	3.82	2.89	2.43a	1.12a	42.16a
	Jefferson City, Tenn.	0.90a	1.47a	3.26	5.25	6.15	6.98	6.76	5.49	4.84	3.03	1.49	0.65	46.27a
Precipitation (Inches)	Paris, Tenn.	2.82	6.22	6.94	1.81	2.13	3.54	5.92	1.55	5.31	3.23	11.50	9.19	60.16
	Murphy, N. C.	4.70	7.79	8.28	3.24	2.59	5.43	6.07	3.93	1.98	1.86	13.14	6.24	65.25
	Beetree Dam, N. C.	3.00	3.54	5.35	1.46	4.41	3.62	6.24	4.11	3.53	1.04	7.94	5.12	49.36
	Jefferson City, Tenn.	3.50	7.35	5.54	2.33	2.51	3.54	4.94	1.78	0.61	1.19	9.67	5.82	48.78
Average Air Temperature (Degrees F)	Paris, Tenn.	29	40	49	63	66	78	80	76	68	56	51	41	58
	Murphy, N. C.	32	44	50	60	62	70	75	70	67	52	51	42	56
	Beetree Dam, N. C.	32	43	52	55	60	67	71	65	59	48	47	39	53
	Jefferson City, Tenn.	28	41	52	60	65	72	75	72	65	53	50	38	56
Average Water Temperature (Degrees F)	Paris, Tenn.	33a	44a	56	66	72	80	85	83	75	62	53	44	63a
	Murphy, N. C.	36	49	58	64	72	80	82	80	74	59	54	46	63
	Beetree Dam, N. C.	33a	43a	53	58	62	69	78	75	69	56	52	42a	58a
	Jefferson City, Tenn.	34a	45	58	65	72	80	84	81	74	59	54	44	63
Average Relative Humidity (Percent)	Paris, Tenn.	68	73	65	61	64	65	68	67	78	75	76	75	70
	Murphy, N. C.	88	91	84	81	86	91	95a	87	87	84	87	90	88
	Beetree Dam, N. C.	66	74	61	62	66	73	72	75	79	72	70	75	70
	Jefferson City, Tenn.	74a	77	62	63a	68a	69	77	75	70	73	78	78	72a
Average Wind Velocity (Miles per Hour)	Paris, Tenn.	1.44	1.14	2.29	1.76	0.92	0.79	0.56	0.30	0.36	0.43	1.10	1.22	1.03
	Murphy, N. C.	0.79	0.79	1.45	1.12	0.55	0.32	0.28	0.11	0.21	0.37	0.70	0.54	0.60
	Beetree Dam, N. C.	1.42	1.32	1.66	1.52	1.15	0.54	0.63	0.34	0.76	0.91	1.22	1.06	1.04
	Jefferson City, Tenn.	1.18	0.84	1.36	1.14	0.70	0.49	0.26	0.36	0.80	0.71	0.89	0.89	0.80

a = Partly estimated.

PRECIPITATION STATISTICS FOR SELECTED STATIONS

Precipitation in Inches

			Maximum Rainfall		Minimum Rainfall		
Month	Mean Rainfall	Median Rainfall	Amount	Date	Amount	Date	1948 Rainfall
Elizabethton, Tennessee							
January	3.41	3.26	8.13	1947	0.46	1896	3.08
February	3.33	3.20	7.59	1944	0.48	1906	4.47
March	4.24	4.00	10.72	1899	1.37	1937	3.70
April	3.30	3.12	6.05	1912	0.65	1942	3.70
May	4.15	4.06	7.73	1915	1.08	1941	2.49
June	4.91	4.48	16.38	1872	1.33	1946	3.60
July	5.24	4.77	10.56	1896	1.10	1872	7.54
August	4.46	4.09	12.14	1901	0.89	1896	4.18
September	2.93	2.72	7.61	1928	0.30	1903	1.45
October	2.56	2.27	7.61	1918	0.02	1904	1.94
November	2.23	2.04	5.02	1948	0.61	1931	5.02
December	3.34	3.12	9.87	1872	0.80	1935	5.77
Annual	44.10	44.44	58.91	1928	29.06	1941	46.94
Hendersonville, North Carolina							
January	4.81	4.24	12.40	1906	0.39	1907	3.55
February	4.66	4.50	10.73	1891	0.70	1898	5.33
March	5.31	5.32	11.67	1891	1.10	1937	7.90
April	4.19	4.11	9.38	1920	0.43	1915	1.55
May	4.60	4.21	12.70	1942	0.95	1914	4.08
June	5.26	4.90	11.56	1934	0.96	1911	3.44
July	6.24	5.70	22.09	1916	1.29	1930	5.64
August	6.07	5.19	26.58	1901	0.49	1925	7.97
September	4.50	4.13	14.00	1906	0.22	1919	5.24
October	4.16	3.40	14.59	1918	0.01	1904	1.52
November	3.36	3.13	12.54	1948	0.21	1910	12.54
December	5.24	4.64	12.85	1918	1.13	1928	4.64
Annual	58.40	58.28	92.60	1901	32.55	1925	63.40
Knoxville, Tennessee							
January	4.62	3.96	16.98	1882	1.29	1907	4.20
February	4.74	4.43	12.52	1873	0.56	1898	7.59
March	5.14	4.44	13.35	1917	0.72	1910	5.58
April	4.31	4.00	17.32	1874	0.70	1942	2.75
May	3.77	3.80	8.81	1938	0.71	1941	2.83
June	4.18	4.00	11.83	1928	1.39	1936	2.70
July	4.57	3.93	13.16	1917	0.69	1901	3.90
August	4.01	3.82	11.33	1920	1.25	1896	2.37
September	2.82	2.50	10.78	1944	0.22	1879	0.91
October	2.55	2.30	9.51	1925	0.07	1904	1.25
November	3.31	3.11	11.69	1948	0.17	1890	11.69
December	4.36	3.72	12.34	1901	0.95	1896	5.95
Annual	48.38	47.73	73.87	1875	33.67	1930	51.72

PRECIPITATION STATISTICS FOR SELECTED STATIONS--Continued

Precipitation in Inches

Month	Mean Rainfall	Median Rainfall	Maximum Rainfall Amount	Maximum Rainfall Date	Minimum Rainfall Amount	Minimum Rainfall Date	1948 Rainfall
				Murphy, North Carolina			
January	5.58	4.71	14.85	1882	1.75	1907	4.63
February	5.63	5.30	15.10	1873	0.56	1906	7.90
March	6.27	5.84	15.34	1917	2.09	1918	8.05
April	4.76	4.56	15.40	1874	0.30	1915	2.98
May	4.04	3.46	11.25	1929	0.46	1941	2.27
June	4.99	5.09	9.31	1884	1.53	1936	5.06
July	5.68	5.45	11.28	1910	1.23	1901	6.07
August	5.12	4.72	13.96	1920	1.18	1918	3.93
September	3.18	3.30	7.43	1906	0.20	1876	1.98
October	3.03	2.69	7.50	1925	T	1904	1.86
November	3.79	3.23	13.18	1948	0.51	1924	13.18
December	5.26	4.90	12.98	1932	1.09	1898	6.24
Annual	57.33	56.15	84.80	1875	40.00	1940	64.15
				Chattanooga, Tennessee			
January	5.20	4.72	14.74	1882	1.33	1907	4.77
February	5.01	4.81	12.30	1939	0.68	1898	9.40
March	5.93	5.22	14.05	1899	0.93	1910	9.25
April	4.73	4.26	15.29	1911	0.44	1942	4.45
May	4.00	3.86	12.00	1929	0.37	1941	3.29
June	4.08	4.08	9.20	1884	0.29	1931	2.57
July	4.49	4.45	13.49	1916	0.67	1902	6.27
August	3.96	3.22	12.36	1920	0.45	1929	6.79
September	2.95	2.52	7.87	1889	0.04	1919	4.10
October	2.94	2.66	11.91	1925	0.08	1938	1.83
November	3.61	3.20	12.70	1948	0.16	1890	12.70
December	5.11	4.85	12.63	1942	0.44	1889	5.51
Annual	52.01	52.00	72.37	1929	32.68	1904	70.93
				Lewisburg, Tennessee			
January	4.90	4.49	13.14	1937	1.25	1943	3.89
February	5.00	4.76	13.14	1939	1.08	1941	11.52
March	5.87	5.63	12.50	1902	0.94	1910	7.44
April	4.48	4.60	12.60	1912	0.56	1915	5.62
May	4.07	3.82	8.50	1933	0.60	1941	3.10
June	4.11	3.63	13.46	1900	0.72	1899	1.13
July	4.46	3.92	9.85	1941	1.55	1930	4.19
August	4.19	3.41	11.40	1923	0.57	1909	3.89
September	3.04	3.01	8.87	1906	0.32	1927	2.16
October	3.01	2.59	8.88	1919	0.05	1924	4.72
November	3.71	3.41	10.27	1948	0.90	1890	10.27
December	4.81	4.30	11.71	1922	1.01	1928	5.77
Annual	51.65	51.52	64.40	1937	37.42	1904	63.70

PRECIPITATION STATISTICS FOR SELECTED STATIONS--Continued

Precipitation in Inches

Month	Mean Rainfall	Median Rainfall	Maximum Rainfall		Minimum Rainfall		1948 Rainfall
			Amount	Date	Amount	Date	
			Muscle Shoals, Alabama*				
January	4.87	4.59	12.25	1937	1.98	1914	3.64
February	5.12	4.80	13.64	1948	0.54	1941	13.64
March	5.87	5.32	16.15	1897	1.26	1910	7.23
April	4.57	3.98	16.07	1892	0.74	1930	1.58
May	4.05	4.04	11.29	1939	0.16	1941	3.57
June	4.21	3.89	13.87	1900	0.60	1897	2.84
July	4.54	3.76	14.60	1916	0.77	1935	6.25
August	3.89	3.29	10.60	1894	0.35	1948	0.35
September	3.05	2.78	7.87	1890	0.00	1897	4.84
October	2.67	2.07	11.05	1918	0.00	1924	1.23
November	3.62	3.52	11.39	1948	0.27	1890	11.39
December	4.82	4.41	14.59	1926	1.10	1889	4.45
Annual	51.28	50.71	76.21	1932	30.92	1943	61.01

*Before December 1940 the Muscle Shoals, Alabama, station was at Florence, Alabama.

Johnsonville, Tennessee

January	5.34	4.14	23.51	1937	0.64	1944	4.07
February	4.21	3.80	9.56	1939	0.79	1947	8.90
March	5.24	5.12	13.07	1927	0.59	1910	8.79
April	4.76	4.23	12.29	1892	0.53	1887	2.63
May	4.39	3.42	10.19	1909	0.70	1891	2.71
June	4.10	3.51	13.34	1928	0.37	1930	1.03
July	4.11	3.90	10.12	1892	0.06	1890	9.86
August	3.83	2.91	13.70	1914	0.34	1948	0.34
September	3.47	3.15	11.31	1921	0.00	1897	4.58
October	2.94	2.54	11.44	1919	T	1924	3.10
November	4.19	3.72	11.90	1906	0.80	1910	11.45
December	4.54	4.11	14.66	1926	0.05	1889	5.09
Annual	51.12	49.93	75.80	1919	33.97	1941	62.55

INTENSE RAINFALL--1948

Maximums for Various Time Intervals--Year 1948

Station No.	Station Name	Date of Record	Duration (Hours)	Rainfall (Inches)
685	Friendship School, Tenn.	June 15	0.3	1.36
76	Scottsboro, Alabama	April 6	0.4	2.18
459	Pleasantville, Tenn.	June 25	0.5	1.36
461	Dunbar, Tenn.	May 28	0.8	2.00
283	Cedar Mountain, N. C. (R)	Aug. 21-22	1.0	2.70
684	Summer Shade Substa., Ky.	Aug. 12	1.1	2.43
88	Rock Island Powerhouse, Tenn.	Aug. 14	1.3	1.84
605	Belleville, Tenn.	July 16	1.5	2.34
15	Wildersville, Tenn.	March 15	1.8	4.00
483	Collinsville, Ala.	Aug. 1	2.0	3.15
505	Sugar Hill, Tenn. (R)	Jan. 1	3.0	3.37
283	Cedar Mountain, N. C. (R)	Nov. 2-3	4.0	2.39
446	Centerville Substa., Tenn.	Jan. 1	4.4	4.41
391	Lookout Mountain, Tenn.	June 21	5.0	3.31
505	Sugar Hill, Tenn. (R)	Jan. 1	6.0	3.85
154	Tray Mountain, Ga. (R)	Nov. 2-3	7.0	3.23
493	Red Bay, Ala.	March 16	7.5	4.45
361a	Paris Evap. Sta., Tenn. (R)	Nov. 5	8.0	3.86
415a	Tupelo, Miss.	March 16	8.9	4.61
109	Flat Top, Ga. (R)	Nov. 19	9.0	4.00
191	Owens Gap, N. C.	Nov. 2-3	9.2	5.73
40	Victory, Tenn. (R)	Nov. 18-19	10.0	4.42
204	Clayton, Ga.	Nov. 2-3	10.2	5.53
280	Rush Mountain, N. C.	Aug. 21-22	11.0	5.05
598	Waynesboro (near), Tenn.	April 7-8	11.5	5.00
505	Sugar Hill, Tenn. (R)	Feb. 12-13	12.0	5.02
364	Burnsville Substa., Miss.	Nov. 18-19	13.0	5.28
602	Dover Fire Tower, Tenn.	Nov. 5	14.0	5.25
109	Flat Top, Ga. (R)	Nov. 28	15.0	5.79
40	Victory, Tenn. (R)	Nov. 18-19	16.0	4.92

INTENSE RAINFALL--1948--Continued

Maximums for Various Time Intervals--Year 1948

Station No.	Station Name	Date of Record	Duration (Hours)	Rainfall (Inches)
135	Neel Gap, Ga. (R)	Nov. 28	17.0	3.76
683	Russellville, Ky.	Nov. 18-19	18.0	4.26
463	Enville, Tenn.	Nov. 18-19	19.0	5.04
283	Cedar Mountain, N. C. (R)	Nov. 2-3	20.0	4.50
31	Reagan, Tenn. (R)	Nov. 18-19	21.0	5.68
154	Tray Mountain, Ga. (R)	Nov. 2-3	22.0	6.00
190	Haywood Gap, N. C. (R)	Nov. 18-19	23.0	5.75
649	Eastport, Miss.	Feb. 12-13	23.5	5.50
18	Hohenwald, Tenn.	Feb. 12-13	23.8	6.02
273	Point Lookout, N. C.	Sept. 5-6	*	7.18
509	Laurel Mountain, N. C. (R)	July 10-11	24.0	7.30

(R) Recorder.
* Occurred in 24 hours or less. Exact duration unknown.

ANNUAL STREAM FLOW IN INCHES--1948

Tennessee River at	Water Year Actual	Water Year Mean	Calendar Year Actual	Calendar Year Mean
Knoxville	17.72	19.45	19.90	19.52
Chattanooga	19.53	23.67	24.00	23.71

MONTHLY AND ANNUAL RAINFALL AND RUNOFF

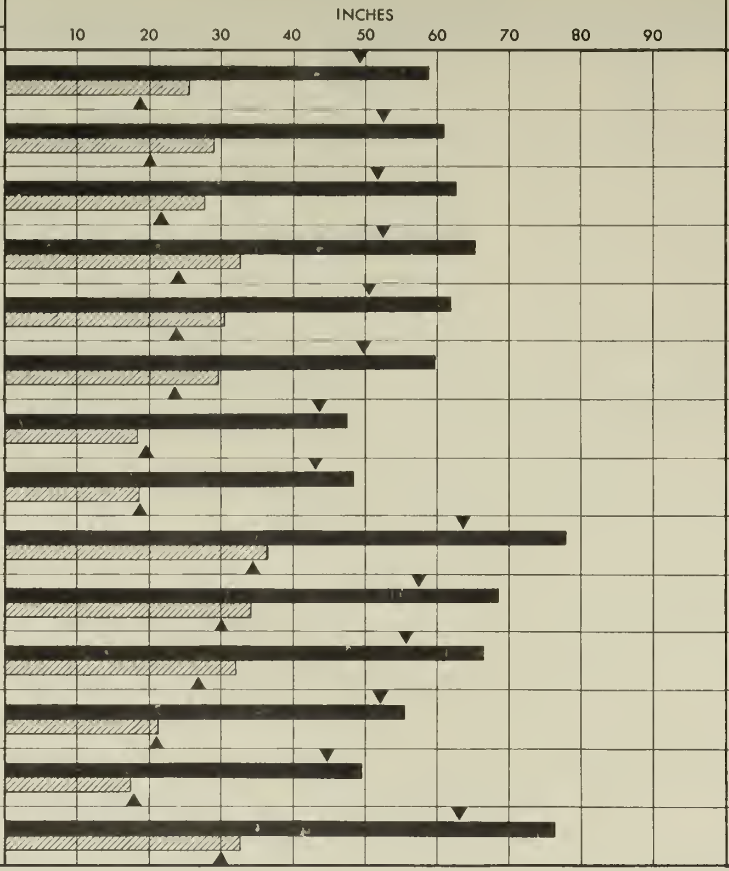
TENNESSEE RIVER ABOVE CHATTANOOGA, TENNESSEE

Drainage Area - 21,400 Square Miles

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL
Inches of Rainfall 1890 - 1948													
1948	3.75	6.80	6.18	3.06	3.21	3.99	5.53	4.27	2.61	1.68	10.30	5.73	57.11
Maximum	10.32	9.69	11.40	7.49	7.95	8.67	11.07	13.33	6.91	8.37	10.30	9.98	62.81
Minimum	1.42	0.96	1.37	0.95	0.80	1.73	2.69	1.25	0.77	0.17	0.44	1.06	37.23
Mean	4.44	4.60	5.28	4.13	4.08	4.49	5.33	4.65	3.22	2.91	3.14	4.54	50.81
Median	3.96	4.44	5.01	4.05	3.81	4.49	5.07	4.20	3.08	2.48	2.91	4.20	51.92
Runoff in Inches 1874 - 1948 (Unregulated)													
1948	1.15	5.26	3.74	2.69	0.98	0.68	0.96	0.98	0.52	0.40	3.00	3.64	24.00
Maximum	9.42	7.45	9.62	7.11	5.28	3.75	3.90	4.28	2.69	3.17	3.77	5.11	36.54
Minimum	0.50	0.62	1.30	1.01	0.61	0.50	0.45	0.26	0.21	0.30	0.30	0.41	11.22
Mean	3.05	3.22	3.77	2.99	2.02	1.47	1.36	1.20	0.87	0.81	1.10	1.90	23.76
Median	2.82	3.06	3.26	2.69	1.83	1.27	1.14	1.00	0.72	0.71	0.87	1.66	23.64
Runoff in Cubic Feet Per Second 1874 - 1948 (Unregulated)													
1948	21,300	104,300	69,500	51,600	18,100	13,000	17,800	18,200	10,000	7,400	57,500	67,600	37,700
Maximum	174,800	147,800	178,500	136,400	98,000	72,000	72,300	79,400	51,500	58,900	72,400	94,800	57,600
Minimum	9,200	12,700	24,100	19,400	11,300	9,600	8,300	4,760	3,990	5,510	5,800	7,700	17,690
Mean	56,600	65,600	70,000	57,400	37,500	28,200	25,200	22,300	16,700	15,000	21,100	35,300	37,500
Median	52,300	62,400	60,500	51,600	34,000	24,400	21,200	18,600	13,800	13,200	16,700	30,800	37,200

STREAM AND STATION	DRAINAGE AREA	ACCUMULATED SINCE JANUARY 1, 1948 INCHES				1948	
		RAINFALL	RUNOFF	DEPARTURES		RUNOFF IN PER-CENT OF RAINFALL	RAINFALL MINUS RUNOFF
	SQ. MILES			RAINFALL	RUNOFF		INCHES
DUCK RIVER — HURRICANE MILLS	2571	59.0	25.7	+9.8	+6.8	43.6	33.3
BEAR CREEK — BISHOP	667	61.0	29.0	+8.6	+9.0	47.5	32.0
ELK RIVER — PROSPECT	1784	62.8	27.9	+11.1	+6.2	44.4	34.9
SEQUATCHIE RIVER — WHITWELL	384	65.4	32.7	+13.0	+8.7	50.0	32.7
EMORY RIVER — OAKDALE	764	62.0	30.4	+11.6	+6.5	49.0	31.6
COLLINS RIVER — McMINNVILLE	646	59.9	29.8	+10.0	+6.3	49.7	30.1
CLINCH RIVER — TAZEWELL	1474	47.6	18.4	+3.9	-1.3	38.7	29.2
S. FORK HOLSTON RIVER — BLUFF CITY	813	48.6	18.7	+5.6	-0.1	38.5	29.9
TOCCOA RIVER — DIAL	177	78.0	36.6	+14.4	+2.2	46.9	41.4
TUCKASEGEE RIVER — BRYSON CITY	655	68.6	34.2	+11.3	+4.1	49.9	34.4
FRENCH BROAD RIVER — ASHEVILLE	945	66.5	32.1	+10.6	+5.1	48.3	34.4
LITTLE PIGEON RIVER — SEVIERVILLE	353	55.6	21.2	+3.4	+0.2	38.1	34.4
NOLICHUCKY RIVER — MORRISTOWN	1679	49.7	17.4	+4.9	-0.6	35.0	32.3
VALLEY RIVER — TOMOTLA	104	76.4	32.8	+13.3	+2.8	42.9	43.6

ACCUMULATED RAINFALL AND RUNOFF SINCE JANUARY 1, 1948



SYMBOLS:

- ▆ Accumulated Rainfall
- ▨ Accumulated Runoff
- ▼ Accumulated Average Rainfall-1937-1947
- ▲ Accumulated Normal Runoff-1921-1945

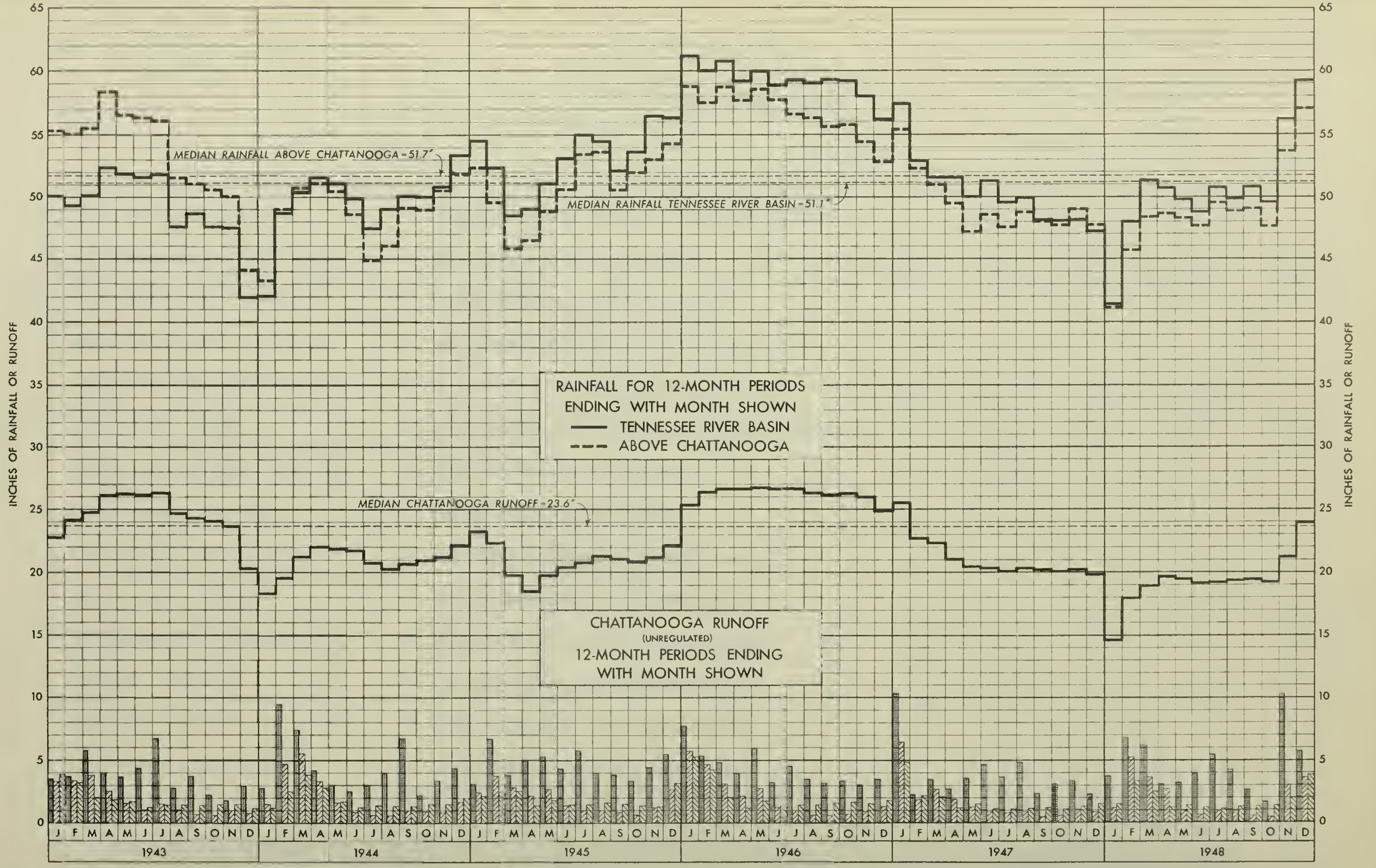
NOTE:

Locations of watersheds are shown on the map AVERAGE PRECIPITATION ON WATERSHED SUBDIVISIONS.

Runoff data are furnished by the U. S. GEOLOGICAL SURVEY and are tentative.

RAINFALL AND RUNOFF
FOR
SELECTED WATERSHEDS

FOR THE PERIOD JANUARY 1, 1948 TO DECEMBER 31, 1948



RAINFALL AND RUNOFF
IN THE
TENNESSEE RIVER BASIN

MEAN RAINFALL
TENNESSEE RIVER BASIN ABOVE CHATTANOOGA

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1890	3.96	8.37	5.47	4.35	5.57	2.90	5.34	5.42	5.57	4.41	0.44	4.33	56.13
1891	5.20	9.69	8.61	2.22	2.53	5.08	4.56	5.21	1.77	0.89	3.82	4.43	54.01
1892	7.04	2.87	3.65	7.34	3.80	6.36	4.92	3.83	2.30	0.41	5.89	3.09	51.50
1893	2.54	7.21	2.80	4.30	6.53	5.04	3.73	3.58	3.72	2.49	2.11	2.67	46.72
1894	3.68	5.97	2.52	2.69	3.81	3.51	4.31	4.20	1.85	2.11	1.01	5.68	41.34
1895	6.96	2.15	5.16	4.21	4.65	3.55	6.10	4.89	1.47	1.90	2.27	3.41	46.72
1896	1.99	4.50	5.54	2.92	3.35	5.32	9.53	2.42	3.71	1.64	6.30	1.06	48.28
1897	2.90	6.50	10.09	5.33	3.77	4.49	6.04	3.50	0.77	2.09	2.06	5.13	52.67
1898	6.17	0.96	4.80	4.02	2.96	3.56	6.81	6.57	5.71	6.13	3.23	2.46	53.38
1899	3.81	7.78	11.04	3.54	4.01	4.05	4.71	3.06	2.64	2.48	1.87	4.10	53.09
1900	3.12	6.13	5.25	4.05	2.09	7.36	4.45	2.75	3.81	3.36	5.02	3.60	50.99
1901	4.54	1.61	5.80	6.33	6.46	5.59	2.90	13.33	3.51	1.46	1.30	9.98	62.81
1902	3.74	5.21	6.02	2.03	2.61	5.75	2.73	2.67	5.14	2.21	3.80	4.13	46.04
1903	2.81	9.24	7.88	6.24	2.87	5.42	4.56	4.14	1.04	2.47	3.63	2.33	52.63
1904	2.89	3.35	6.06	2.70	3.60	3.73	3.72	4.60	1.41	0.17	3.42	4.68	40.33
1905	3.65	5.50	3.27	3.70	5.51	4.94	6.22	6.19	1.58	4.06	1.13	6.19	51.94
1906	5.90	1.30	5.15	2.76	3.33	5.81	8.99	5.78	6.48	3.75	4.36	4.57	58.18
1907	1.42	3.43	4.34	4.33	4.22	5.75	4.58	4.06	6.91	1.67	5.60	4.76	51.07
1908	4.23	4.52	4.48	4.79	3.76	3.24	5.79	5.86	2.00	4.36	1.96	6.31	51.30
1909	3.51	6.39	6.86	4.75	6.44	8.67	6.05	3.81	3.88	2.95	0.94	3.77	58.02
1910	3.93	3.88	1.37	3.59	6.59	5.79	6.51	4.75	3.26	2.15	1.43	4.44	47.69
1911	4.84	3.84	4.51	7.49	1.70	3.32	4.54	4.01	3.08	4.77	4.04	5.17	51.31
1912	3.36	4.01	7.63	7.35	4.32	4.78	5.59	3.73	4.11	1.80	1.90	4.77	53.35
1913	6.57	4.47	7.77	2.40	5.39	3.21	3.49	3.33	4.11	2.65	1.46	3.58	48.43
1914	2.31	3.77	4.25	4.44	1.42	3.14	5.37	5.15	1.99	4.67	2.91	8.16	47.58
1915	5.01	3.99	2.75	1.53	5.13	5.03	4.84	5.37	4.26	4.28	4.11	6.92	53.22
1916	4.97	4.35	2.79	2.45	4.27	5.47	11.07	4.97	2.48	3.02	2.38	3.70	51.92
1917	6.10	4.55	11.40	3.10	2.71	4.44	7.21	4.57	3.95	2.81	0.64	1.71	53.19
1918	6.90	2.66	2.67	5.24	4.15	5.26	4.29	3.18	3.39	8.37	2.31	5.07	53.49
1919	5.06	3.50	4.91	3.33	4.92	4.87	3.81	4.18	1.04	5.64	2.45	4.25	48.56
1920	4.44	3.75	6.61	7.13	2.85	5.46	4.50	9.80	4.34	0.90	3.76	6.06	59.60
1921	3.89	5.17	2.70	4.56	3.69	3.55	6.40	5.46	3.23	2.06	5.21	2.98	48.90
1922	5.45	4.52	8.16	4.96	4.48	4.62	5.53	3.31	1.48	2.48	1.34	7.50	53.83
1923	5.41	4.51	6.18	4.35	6.53	4.78	5.08	4.56	2.76	1.06	2.97	4.66	52.85
1924	5.96	4.02	3.81	5.82	4.88	3.55	5.22	2.85	6.56	0.88	1.28	6.66	51.49
1925	4.90	2.77	2.18	3.17	2.18	3.15	2.80	1.25	1.58	7.08	4.17	2.00	37.23
1926	4.83	3.55	4.09	2.82	2.82	4.18	4.66	6.09	2.61	3.06	5.11	8.75	52.57
1927	2.26	5.16	4.51	4.24	4.40	4.97	4.97	4.84	1.46	2.40	3.94	7.39	50.54
1928	2.46	2.02	5.33	5.40	5.55	7.95	4.71	6.65	5.75	4.41	2.56	1.53	54.32
1929	4.37	5.44	7.71	4.15	7.95	5.49	5.07	1.83	6.42	3.63	6.96	2.65	61.67
1930	2.42	2.69	4.22	1.93	4.73	2.42	2.69	3.17	4.30	2.05	3.67	3.03	37.32
1931	2.02	2.87	3.33	5.24	3.96	2.05	6.20	4.76	1.89	1.59	1.81	8.57	44.29
1932	5.83	5.72	5.01	3.83	3.43	5.17	3.96	3.74	2.96	6.52	3.89	8.93	58.99
1933	3.08	5.96	3.86	3.65	6.15	2.24	5.40	5.45	2.48	1.31	1.59	3.22	44.39
1934	3.38	3.51	8.19	3.41	3.04	5.09	5.41	6.55	3.30	3.79	3.82	2.53	52.02
1935	4.30	3.87	6.95	4.99	4.38	3.53	4.86	4.15	1.47	2.40	5.76	2.12	48.78
1936	8.74	4.70	6.57	6.04	1.30	1.73	6.29	4.47	4.56	4.36	1.74	6.52	57.02
1937	10.31	4.77	2.08	4.29	3.49	3.80	4.70	6.09	2.44	6.15	1.26	3.27	52.65
1938	4.25	2.28	5.56	5.24	6.37	5.25	8.02	4.15	2.88	0.33	4.62	2.58	51.53
1939	4.68	8.91	4.40	3.77	2.64	4.27	5.03	3.86	1.49	1.02	1.22	2.94	44.23
1940	2.17	4.44	4.61	4.05	2.88	4.83	5.18	7.85	0.90	2.14	2.56	3.15	44.76
1941	2.49	1.02	4.02	3.41	0.80	4.24	9.34	3.80	1.46	2.52	2.57	3.52	39.19
1942	3.42	3.86	5.29	0.95	5.39	4.47	6.70	7.47	4.09	2.53	2.24	8.85	55.26
1943	3.53	3.59	5.80	3.79	3.59	4.27	6.66	2.64	3.60	2.13	1.79	2.81	44.20
1944	2.63	9.38	7.41	4.21	3.00	2.42	2.84	3.81	6.77	2.04	3.27	4.20	51.98
1945	3.04	6.64	3.72	4.92	5.19	4.25	5.69	3.83	3.83	3.32	4.43	5.38	54.24
1946	7.71	5.39	4.87	4.00	6.02	3.27	4.67	3.52	3.23	3.39	3.13	3.60	52.80
1947	10.32	2.27	3.52	2.75	3.55	4.69	3.68	4.86	2.39	3.12	4.34	2.32	47.81
1948	3.75	6.80	6.18	3.06	3.21	3.99	5.53	4.27	2.61	1.68	10.30	5.73	57.11
Mean	4.44	4.60	5.28	4.13	4.08	4.49	5.33	4.65	3.22	2.91	3.14	4.54	50.81
Median	3.96	4.44	5.01	4.05	3.81	4.49	5.07	4.20	3.08	2.48	2.91	4.20	51.92

ADDENDA

February 1948

The February snowfall should be added to the following stations:

Station No.	Name	February Snowfall Inches
201	Highlands, N. C.	1.0
204	Clayton, Ga.	5.5
251	Canton, N. C.	3.0
267	Asheville, N. C.	7.7
648	McGlamery, Tenn.	1.5

April 1948

Station No. 256, Hot Springs, North Carolina. The record for April 1948 follows:

Date	Amount Inches	Date	Amount Inches
1	0.31	14	0.06
2	0.36	15	0.11
8	1.02	30	T
9	0.01	Total	1.87

June 1948

Station No. 256, Hot Springs, North Carolina. The record for June 1948 follows:

Date	Amount Inches	Date	Amount Inches	Date	Amount Inches
3	0.07	15	0.40	25	0.02
4	0.09	16	0.67	27	0.03
7	0.16	17	0.15	28	0.28
8	0.63	19	0.12	29	0.30
9	0.47	22	0.03	30	0.23
13	0.03	24	0.64	Total	4.32

July 1948

Station No. 495a, Bristol, Virginia. The July normal is 5.69 inches.

ERRATA

The normals for U. S. Weather Bureau stations No. 65a, Huntsville, Alabama, No. 82a, LaFayette, and No. 396, Dalton, Georgia, were recomputed during the year. Normals shown in this issue supersede those published monthly.

January 1948

Station No. 473a, U. T. Farm Lysimeter Plot, Tennessee. Change the January mean to 4.43 inches.

April 1948

Station No. 22, Ashwood, Tennessee. Change the April total to 3.31 inches.

April - December 1948

Stations Nos. 256 and 256a, Hot Springs, North Carolina. Because of a confusion in designation the records at these two U. S. Weather Bureau stations were transposed for April through July and September through December 1948. The station identifications in the respective monthly bulletins should be interchanged for these months so that the daily amounts for station No. 256 will apply to station No. 256a and vice versa.

The missing amounts for April and June 1948 at station No. 256 are listed in the accompanying addenda. There was no record at station No. 256a in August 1948.

June 1948

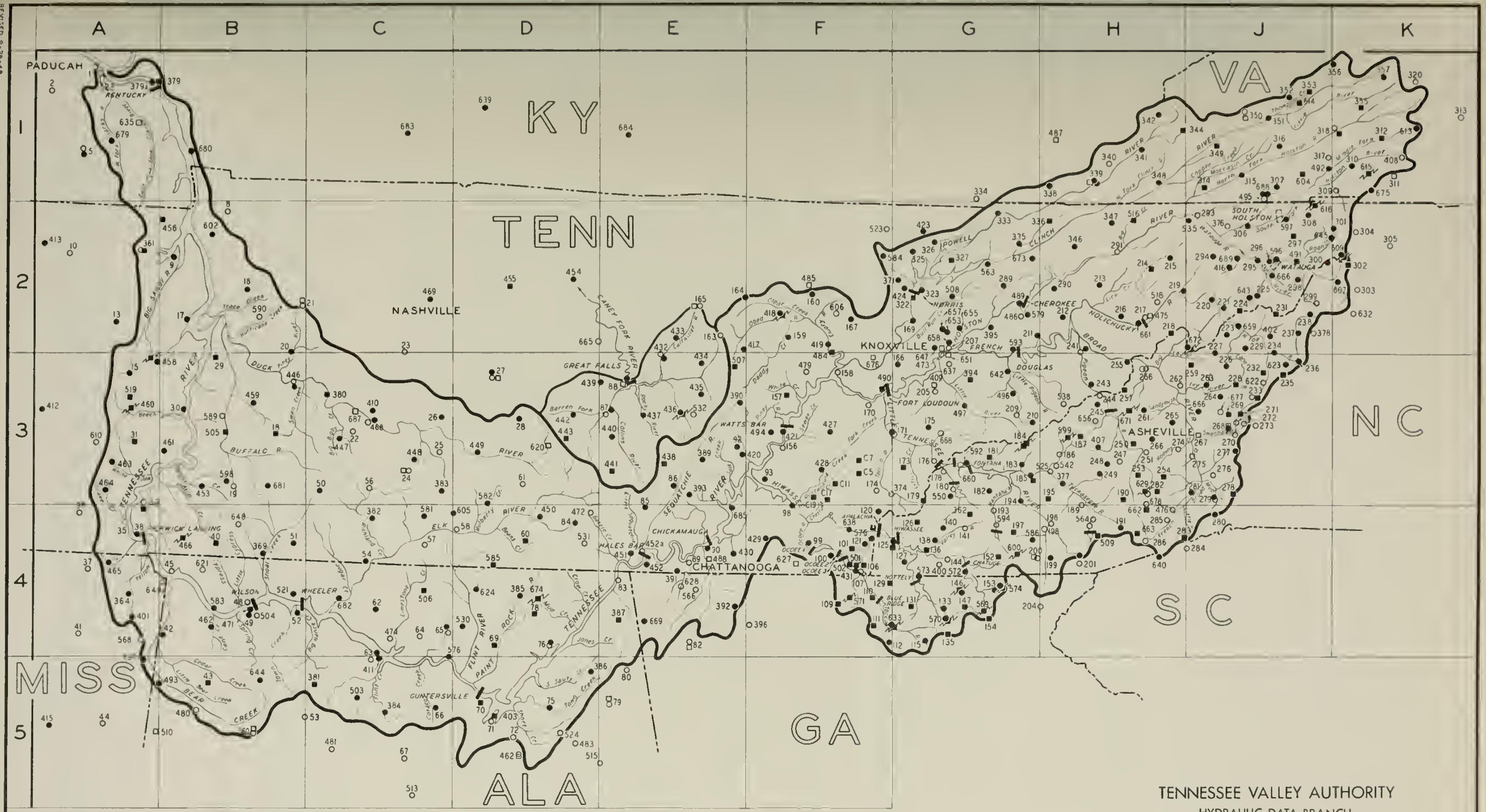
Station No. 5a, Mayfield, Kentucky. Change the mean to 3.71 inches.

Station No. 453, Clifton Junction, Tennessee. Change the monthly total from 1.57 to 1.58 inches.

July 1948

Station No. 296, Wilbur Dam, Tennessee. Change the July mean to 6.44 inches.

REVISED 9-28-48



SYMBOLS:

- ● T.V.A. Daily Rain Gages
- ■ T.V.A. Recording Rain Gages
- T.V.A. Radio Rain Gages
- ○ U.S.W.B., U.S.E.D., U.S.F.S., U.S.D.I., and Other Agency Daily Rain Gages
- □ U.S.W.B., U.S.E.D., U.S.F.S., U.S.D.I., and Other Agency Recording Rain Gages
- ▬ Dam
- ⊏⊐ Dam Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

INDEX TO RAINFALL STATIONS

SCALE 10 0 10 20 30 40 50 MILES

ANNUAL 1948 PRECIPITATION—In Inches

SHEET 1

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	TENNESSEE RIVER - MOUTH TO JOHNSONVILLE																															
1	PADUCAH	A-1	USWB	340	67	2.99	4.37	3.21	3.62	7.90	4.93	1.90	4.54	6.04	3.90	3.09	4.06	#3.60	3.43	0.88	3.46	2.84	3.04	2.27	2.90	6.36	3.84	5.04	3.59	#46.12	45.68	---
522	PADUCAH (NEAR) (R)	A-1	SCS	348	8	2.83	3.00	3.00	3.15	7.11	4.54	1.71	4.15	5.90	4.72	2.42	2.95	3.03	2.35	1.10	2.60	2.89	2.42	1.86	2.90	8.21	4.03	#4.46	2.84	#44.52	39.65	---
2	LOVELACEVILLE	A-1	USWB	479	24	3.61	4.68	3.27	3.90	7.70	5.32	1.42	4.78	3.41	3.75	3.32	4.46	4.97	2.67	2.55	3.58	3.27	3.58	2.39	3.53	6.52	3.50	5.80	3.62	48.23	47.37	11.5
650	GILBERTSVILLE (NEAR)	A-1	TVA	405	5	2.23		3.27		7.78		2.12		4.75		2.32		DISCONTINUED JULY 1948												-----		---
379	KENTUCKY DAM (R)	A-1	TVA	362	11	2.76	3.24	3.95	4.03	7.15	4.87	2.02	4.44	4.48	4.04	3.10	3.60	3.51	3.17	0.92	3.09	3.79	2.40	2.91	2.31	8.59	4.12	5.50	3.07	48.68	42.38	---
379a	KENTUCKY DAM	A-1	TVA	362	4	2.57		3.89		7.10		2.00		4.17		3.18		3.36		0.75		3.75		2.69		8.77		5.37		47.60		8.0
664	MAYFIELD (NEAR)	A-1	TVA	525	4	3.73		4.36		PUBLICATION OF DATA DISCONTINUED FEBRUARY 29, 1948																				-----		---
679	BICKSVILLE	A-1	TVA	440	1	----		5.55		7.60		2.50		3.46		2.33		5.03		1.30		3.86		2.40		9.11		8.44		-----		---
5	MAYFIELD	A-1	USWB	364	36	3.34	4.71	5.00	3.35	7.82	4.84	2.65	4.41	4.99	4.12	4.05	3.73	4.82	3.88	3.37	3.48	4.18	3.07	2.55	2.98	8.93	3.73	8.39	3.99	60.09	46.29	13.2
5a	MAYFIELD SUBSTA.	A-1	TVA	364	5	2.80	3.55	5.21	4.84	7.93	5.57	2.65	4.41	5.70	5.47	3.80	3.71	4.77	3.88	1.66	3.51	3.97	3.16	2.83	3.12	8.88	5.89	8.75	4.19	58.95	51.30	8.5
635	BENTON (R)	A-1	USWB	410	4	----		4.16		6.66		2.54		4.29		2.87		5.22		1.04		3.08		3.05		9.60		7.08		-----		---
7	MURRAY	A-1	USWB	412	23	1.94	5.22	5.14	3.99	9.44	5.55	2.07	4.41	3.79	4.16	4.43	4.03	3.40	3.26	0.82	3.32	4.70	3.38	3.81	3.00	9.45	3.31	8.30	3.79	57.29	47.42	11.4
680	TURKEY CREEK SCHOOL	B-1	TVA	345	1	----		4.96		7.82		2.52		2.90		3.38		2.31		1.20		2.95		2.68		7.89		7.75		-----		---
8	DOVER	B-2	USWB	492	56	2.51	5.37	4.92	3.79	7.33	4.83	2.44	4.45	2.84	4.12	3.31	4.11	5.58	3.38	2.47	3.58	3.22	3.25	3.42	3.30	11.46	3.81	9.27	4.62	58.77	48.61	14.5
602	DOVER FIRE TOWER (NEAR)	B-2	TVA	410	5	3.06		6.44		6.49		2.13		2.52		4.57		5.31		2.43		2.90		3.30		14.23		10.68		64.06		12.8
456	BUCHANAN (R)	B-2	TVA	435	9	2.44	3.52	5.69	4.10	7.05	5.36	2.08	4.04	2.61	4.30	3.97	3.08	4.47	3.47	2.08	3.84	4.48	2.59	3.02	2.78	10.45	4.93	8.53	3.75	56.87	45.76	---
9	SPRINGVILLE	B-2	TVA	377	34	3.25	5.42	6.19	3.91	7.27	5.26	1.56	4.36	2.15	4.56	3.32	3.32	5.93	3.85	1.45	3.51	4.42	3.09	3.08	2.90	10.68	4.15	7.64	4.62	56.94	48.95	16.6
10	DRESDEN	A-2	USWB	422	25	2.41	5.72	6.43	3.74	6.62	5.04	1.69	4.49	3.04	4.36	2.46	4.41	6.10	3.12	1.56	3.34	5.56	2.99	3.78	3.15	9.95	3.38	8.21	4.43	57.81	48.17	11.5
361a	PARIS EVAPORATION STA. (R)	A-2	TVA	455	11	2.96	5.44	5.91	4.55	6.84	5.60	1.69	4.34	2.03	3.64	3.49	4.04	5.99	4.20	1.53	3.39	5.22	2.65	3.24	3.18	11.17	3.40	9.25	4.61	59.32	49.04	---
361	PARIS	A-2	USWB	504	11	2.24	5.44	6.00	4.55		DISCONTINUED MARCH 1, 1948																			-----		---
11	MCKENZIE	A-2	USWB	475	15	4.24		5.97		7.78		1.31		4.04		2.54		9.70		0.81		4.99		2.69		10.63		6.42		61.12		---
13	HUNTINGDON	A-2	TVA	435	19	3.11	5.78	7.03	4.04	6.74	6.01	1.25	4.53	3.55	4.68	1.44	3.72	7.92	4.21	0.76	3.33	4.46	3.21	2.65	2.81	10.11	4.07	5.37	3.95	54.39	50.34	12.8
15	WILDERSVILLE	A-3	TVA	480	34	4.79	5.64	8.47	4.18	10.28	5.17	2.67	4.49	1.56	4.50	1.53	4.06	6.15	3.92	0.53	4.06	6.11	3.09	4.13	2.97	11.56	4.09	6.09	4.70	63.87	50.87	19.8
16	ERIN (NEAR)	B-2	TVA	470	13	4.53	6.01	8.04	4.40	7.84	5.44	2.13	4.04	1.58	3.81	4.61	3.29	7.46	4.69	1.25	3.11	2.38	2.88	2.57	2.63	9.59	4.23	6.26	4.27	58.24	48.80	21.0
	DUCK RIVER																															
459	PLEASANTVILLE	B-3	TVA	495	9	----	----	10.24	5.14	8.38	5.68	2.35	4.37	2.33	3.93	2.91	2.77	6.00	3.37	0.30	4.65	3.81	2.97	1.09	2.03	11.53	5.24	6.54	4.71	-----		---
589	LINDEN	B-3	USWB	500	7	6.93	5.16	11.51	4.13	7.17	5.50	2.50	4.68	2.06	4.23	3.91	4.23	5.05	3.99	0.98	3.96	2.91	3.09	1.26	3.42	11.36	3.78	7.32	5.32	62.96	51.49	20.0
505	SUGAR HILL (R)	B-3	TVA	610	8	6.70	5.94	13.15	5.42	6.65	4.96	2.45	4.26	3.01	3.48	1.32	1.84	2.76	2.90	1.63	5.19	3.23	3.46	0.87	1.95	12.09	5.10	6.35	4.77	60.21	49.27	---
18	HOHENWALD	B-3	TVA	975	61	4.52	5.27	12.97	4.87	7.94	5.99	2.99	4.98	1.47	4.33	2.33	4.20	3.91	4.24	T	4.31	3.37	3.13	1.23	2.78	11.90	4.17	7.09	5.25	59.72	53.52	16.3
598	WAYNESBORO (NEAR)	B-3	TVA	860	5	5.05		13.06		7.59		7.27		3.12		1.32		3.26		1.25		3.47		0.95		12.58		7.12		66.04		20.8
19	WAYNESBORO	B-3	USWB	730	64	4.96	5.00	13.59	4.22	5.96	5.67	6.65	5.38	3.70	4.80	1.48	4.07	5.61	4.53	1.54	4.60	3.10	3.23	1.04	3.25	14.81	3.78	7.30	5.63	69.74	54.16	21.8
590	MCEWEN (NEAR)	B-2	USWB	500	7	5.60		10.25		9.55		2.05		----		2.99		6.30		2.10		4.05		2.64		11.23		----		-----		---
20	PINEWOOD	B-2	TVA	520	33	6.37	5.63	8.62	3.97	8.75	5.16	3.18	4.74	2.05	4.16	2.58	3.46	4.83	3.97	0.90	4.00	2.88	2.68	1.30	2.72	12.44	3.86	5.79	4.87	59.69	49.22	18.5
21	DICKSON	B-2	USWB	800	57	4.69	5.23	8.58	3.74	9.76	5.36	1.62	4.81	2.55	4.63	1.98	4.30	6.45	3.88	0.82	4.06	2.77	2.84	2.79	3.14	8.79	3.87	6.41	4.92	57.21	50.78	22.5
21a	DICKSON (R)	B-2	USWB	800	8	4.56	5.23	8.29	3.74	10.26	5.36	1.55	4.81	2.43	4.63	1.83	4.30	6.05	3.88	0.78	4.06	2.54	2.84	2.66	3.14	8.56	3.87	6.22	4.92	55.73	50.78	---
446	CENTERVILLE SUBSTA.	B-3	TVA	550	9	7.22	5.25	10.87	5.19	7.71	5.22	2.03	4.11	1.71	3.50	1.11	2.81	3.63	3.27	0.71	4.24	2.94	2.99	1.88	1.69	12.06	4.79	6.45	4.44	58.32	47.50	16.7
446a	CENTERVILLE	B-3	USWB	630	3	6.69		10.69		8.40		2.05		----		----		----		----		----		----		----		----		-----		---
380	SHADY GROVE (R)	C-3	TVA	580	10	5.09	4.67	11.38	5.95	7.72	4.92	2.01	4.04	2.46	3.36	1.30	2.37	5.34	3.83	0.48	3.79	2.59	2.69	1.27	1.40	10.63	4.29	6.20	4.24	56.47	45.55	---
447	MT. PLEASANT SUBSTA.	C-3	TVA	650	9	5.21	4.01	12.82	6.04	5.94	5.30	3.78	4.03	1.98	3.43	0.77	2.07	2.54	3.84	1.00	4.06	3.32	3.79	1.42	1.94	10.87	4.52	5.88	4.48	55.53	47.51	22.0
687	MONSANTO (R)	C-3	M.C.CO.	625	1	----		12.46		6.94		1.86		2.91		1.59		5.18		1.98		3.00		1.96		9.63		6.00		-----		---
22	ASHWOOD	C-3	USWB	725	76	5.15	4.72	11.86	3.82	6.55	5.17	3.31	4.34	1.89	4.25	1.27	3.92	3.42	3.54	0.86	4.02	3.17	3.10	2.12	3.09	9.65	3.28	5.58	4.66	54.83	47.91	23.5
468a	COLUMBIA	C-3	USWB	675	1	ESTABLISHED JUNE 2, 1948										1.39		2.08		1.15		2.54		1.54		10.87		6.48		-----		---
410	COLUMBIA SUBSTA.	C-3	TVA	620	10	5.16	4.12	----	----	7.06	5.14	2.15	3.83	3.29	3.31	2.20	3.18	3.57	3.52	1.64	4.84	2.81	3.86	1.26	1.78	10.48	4.54	6.09	4.42	-----		---
468	COLUMBIA DAM	C-3	TVA	625	9	5.02	4.15	#12.42	5.57	6.42	4.96	2.94	3.84	2.40	3.29	1.69	2.66	3.10	4.09	1.15	4.85	2.50	4.11	1.52	2.05	10.77	4.60	5.59	4.18	#55.52	48.35	20.1
23	FRANKLIN	C-2	USWB	625	69	5.03	4.71	10.51	3.89	7.97	5.25	1.74	4.70	1.76	3.98	----	4.27	2.88	3.55	2.88	3.97	2.27	3.01	1.59	3.00	8.09	3.68	6.22	4.84	-----	48.85	15.5
448	LEWISBURG NO. 2 SUBSTA.	C-3	TVA	740	9	3.38	4.33	11.59	6.34	7.26	5.07	3.96	4.19	2.68	4.11	0.87	3.01	4.02	4.88	4.02	3.58	1.92	3.52	3.32	1.99	10.88	4.50	5.80	4.19	59.70	49.71	13.5
24	LEWISBURG (NEAR)	C-3	USWB	787	55	3.89	4.93	11.52	4.36	7.44	5.78	5.62	4.58	3.10	4.25	1.13	4.25	4.19	4.24	3.89	4.51	2.16	3.01	4.72	3.30	10.27	3.47	5.77	5.29	63.70	51.97	13.0
24a	LEWISBURG (NEAR) (R)	C-3	USWB	787	9	3.31	4.93	11.39	4.36	7.23	5.78	5.55	4.58	2.89	4.25	0.80	4.25	4.44	4.24	3.87	4.51	2.00	3.01	4.91	3.30	----	3.47	5.50	5.29	-----	51.97	---
25	PALMETTO	C-3	USWB	770	59	4.48	4.68	13.01	4.16	7.25	5.33	2.93	4.38	2.60	4.43	1.54	4.43	5.63	4.58	3.64	4.18	1.68	2.96	3.70	3.39	10.49	3.28	6.23	4.98	63.18	50.78	15.3
26	CHAPEL HILL	C-3	TVA	675	13	4.64	5.48	12.80	5.77	6.27	5.09	2.40	3.97	4.05	4.49	0.98	2.80	4.92	4.47	1.63	4.37	2.65	3.47	2.53	2.39	9.97	4.82	5.82	4.06	58.66	51.18	19.0
27a	MURFREESBORO	D-3	USWB	608	67	4.60	4.75	10.57	3.67	5.80	5.16	2.22	4.48	2.88	4.14	2.30	3.93	5.05	4.33	1.83	4.19	2.87	3.07	2.21	3.07	8.66	3.49	6.02	4.67	55.01	48.95	22.9
27b	MURFREESBORO SUBSTA.	D-3	TVA	580	9	4.57	4.30	10.80	5.72	6.08	5.36	2.03	3.51	2.56	4.06	1.90	2.38	4.73	4.40	1.84	3.72	2.48	3.63	2.30	1.79	9.27	5.14	6.26	4.51	54.82	48.52	18.0
27c	MURFREESBORO (R)	D-3	USWB	608	9	4.26	3.97	10.07	5.48	5.65	4.60	2.02	3.07	2.69	3.63	1.97	2.23	4.48	3.96	1.86	3.54	2.82	3.58	2.44	1.85	7.98	4.55	5.64	4.58	51.88	45.04	---
449	SHELBYVILLE DAM	D-3	TVA	740	9	3.65	4.26	14.47	6.48	7.98	5.21	3.85	3.95	3.94	3.81	1.91	3.31	4.19	4.15	0.97	3.52	2.06	3.48	2.75	2.00	10.61	4.52	5.95	4.68	62.33	49.37	---
28	BEECH GROVE	D-3	TVA	875	12	4.43	5.74	14.00	6.45	8.01	5.42	2.37	3.62	2.38	4.34	1.98	3.54	5.40	4.20	2.12	5.29	1.97	3.52	2.43	2.20	11.17	4.82	6.59	4.61	62.85	53.75	13.6
620	MANCHESTER (R)	D-3	USWB	1060	5	4.04		11.22		7.05		2.18		2.73		----		----		----		----		1.43		10.04		----		-----		---
	TENNESSEE RIVER - JOHNSONVILLE TO PICKWICK																															
17	JOHNSONVILLE	B-2	TVA	410	65	4.07	5.34	8.90	4.21	8.79	5.24	2.63	4.76	2.71	4.39	1.03	4.10	9.86	4.11	0.34	3.83	4.58	3.47	3.10	2.94	11.45	4.19	5.09	4.54	62.55	51.12	---
458	CAVVIA	A-3	TVA	598	9	4.35	4.29	10.05	4.72	10.91	6.08	2.52	4.70	1.83	3.80	1.69	3.17	10.63	3.80	0.20	4.00	4.97	3.57	3.11	2.94	10.96	5.63	5.99	4.28	67.21	50.98	21.7
29	CUBA LANDING (R)	B-3	TVA	444	13	4.82	5.62	9.41	4.50	7.23	5.25	2.09	3.98	2.47	3.81	0.98	3.50	7.10	3.95	0.67	2.68	3.38	2.35	2.38	2.47	10.76	4.13	5.95	3.95	57.24	46.19	---
30	PERRYVILLE	B-3	TVA	430	53	6.28	5.44	9.73	4.26	7.47	5.78	2.55	4.59	2.32	4.10	2.81	3.98	5.41	3.88	0.44	3.67	3.70	2.97	1.58	3.05	12.92	4.06	6.58	4.99	61.79	50.77	19.0
519	OAK GROVE (R)	A-3	TVA	532	8	4.52	5.12	9.29	4.75	6.98	5.28	2.80	4.66	2.78	4.05	1.90	3.20	5.33	3.02	0.79	4.03	5.62	3.79	2.91	3.23	9.88	5.75	6.05	4.72	58.85	51.60	---
461	DUNBAR, TENNESSEE	B-3	TVA	535	9	7.74	4.86	11.55	5.34	6.38	5.62	3.29	4.62	4.95	3.71	2.20	2.92	4.43	2.32	2.13	3.97	4.58	2.99	1.07	2.50	11.50	5.23	7.29	4.96	67.11	49.04	19.0
453	CLIFTON JUNCTION	B-3	TVA	474	9	#4.57	4.16	13.04	5.49	6.31	5.72	6.76	4.75	3.57	3.30	1.58	3.31	2.62	2.52	0.90	3.67	4.07	3.57	1.11	2.03	11.56	5.07	7.92	4.70	#64.01	48.29	16.0
40	VICTORY (R)	B-4	TVA	850	13	4.56	5.95	13.44	6.41	6.48	5.82	2.93	5.27	2.66	4.19	0.88	3.80	7.27	4.74	0.89	4.51	3.69	3.37	1.11	3.25	13.42	5.51	4.53	4.87	61.86	57.69	---
31	REAGAN (R)	A-3	TVA	600	28	5.52	4.85	10.72	4.28	7.91	4.55	3.68	4.54	1.80	3.78	2.15	3.91	6.98	3.71	0.34	3.37	5.38	3.06	1.59	2.68	11.95	4.04	6.61	4.88	64.63	47.65	---

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1948 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	TENNESSEE RIVER - JOHNSONVILLE TO PICKWICK (CONT'D)																															
463	ENVILLE	A-3	TVA	537	9	6.27		11.25		7.10		4.06		2.22		2.15		3.69		1.34		5.58		1.35		11.07		5.92		62.00		18.7
610	JACKS CREEK	A-3	USWB	549	9	6.00	4.35	9.65	5.14	6.39	5.11	3.92	4.38	DISCONTINUED MAY 1, 1948																-----		----
34	SAVANNAH	A-3	USWB	440	66	6.36	5.06	15.05	4.00	8.76	5.62	5.74	4.92	4.61	4.54	2.76	4.06	4.28	4.32	0.72	3.86	5.36	3.31	1.13	3.18	12.41	3.80	6.59	5.50	73.77	52.17	16.0
34a	SAVANNAH (R)	A-4	TVA	450	4	5.45		14.01		7.57		5.97		4.38		2.73		4.09		0.79		5.16		1.08		12.45		6.38		70.06		----
464	LEAFWOOD (NEAR)	A-3	TVA	540	9	6.53	4.77	13.49	5.95	6.50	5.70	4.15	4.45	3.63	3.19	3.02	3.47	6.14	3.00	2.16	3.36	5.05	4.22	1.09	2.84	12.15	5.33	5.01	4.63	68.92	50.91	14.2
35	SHILOH	A-4	USOI	483	38	5.48	5.41	14.73	4.74	7.35	5.84	5.66	4.91	5.23	4.48	5.33	3.79	4.89	4.14	1.15	3.50	5.79	2.94	1.11	3.27	13.61	4.08	5.19	5.35	75.52	52.45	17.0
36	SELMER	A-4	USWB	438	24	6.01	5.02	14.85	4.51	6.42	5.78	4.49	4.36	4.80	4.07	3.60	4.23	4.73	3.25	0.61	3.72	6.03	3.37	1.08	3.51	12.28	3.86	4.35	5.09	69.25	50.77	15.0
465	ACTON (NEAR)	A-4	TVA	510	9	4.49		12.83		5.71		4.09		4.38		2.29		4.60		0.88		4.88		0.87		13.84		3.34		62.20		11.5
37	CORINTH	A-4	USWB	470	63	5.11	4.98	12.07	4.26	5.81	5.51	3.24	4.79	5.81	4.50	2.93	3.76	4.41	4.77	0.39	4.02	5.35	3.10	1.76	3.28	13.77	3.72	2.80	5.77	63.45	52.46	11.8
	TENNESSEE RIVER - PICKWICK TO FLORENCE																															
38	PICKWICK LANDING DAM	A-4	TVA	479	14	4.15	5.71	13.02	5.25	5.56	5.17	4.26	4.27	3.64	3.63	4.03	3.89	4.89	3.55	0.94	3.21	4.42	2.99	0.70	3.13	12.86	5.07	3.66	4.43	62.13	50.30	----
364	BURNSVILLE SUBSTA.	A-4	TVA	452	11	3.92	5.26	12.61	6.11	6.75	5.82	2.06	4.79	3.55	4.41	1.80	3.45	4.32	3.51	0.87	3.84	4.81	2.81	0.84	1.90	13.67	5.97	3.62	4.73	58.82	52.60	10.0
649	EASTPORT	B-4	MISS	445	5	3.42		13.34		6.27		2.37		----		----		----		----		----		----		----		----		-----		----
401	MIDWAY	A-4	TVA	610	10	4.27	5.08	13.43	6.84	7.96	5.97	2.76	4.25	4.45	3.93	2.02	3.78	3.60	3.53	0.60	3.59	4.96	3.03	1.15	2.15	15.56	5.94	3.71	4.63	64.47	52.72	6.0
41	BOONEVILLE	A-4	USWB	504	55	#3.37	5.13	13.42	4.35	7.90	5.63	2.74	4.90	4.16	4.64	3.06	4.02	7.72	4.15	2.44	3.67	5.24	3.07	0.84	3.10	14.20	3.78	3.07	6.03	#68.16	52.47	7.5
42	BISHOP	B-4	TVA	470	14	5.06	5.79	12.92	6.09	8.26	6.51	3.05	4.82	5.25	4.19	1.62	3.66	4.45	4.02	0.88	3.78	5.27	2.91	1.37	2.35	13.47	5.08	3.81	4.24	65.41	53.44	8.2
43	BELGREEN (R)	B-5	TVA	800	14	4.29	5.33	12.29	6.46	10.83	6.80	2.98	4.71	3.28	3.93	1.37	3.56	2.92	4.86	0.66	3.89	4.21	2.84	0.71	2.74	10.54	4.44	3.58	4.14	57.66	53.70	---
568	TISHOMINGO	A-4	USWB	550	7	3.91	5.24	11.57	6.00	7.67	6.22	2.29	3.33	5.11	4.33	1.27	2.67	4.03	3.44	0.72	3.86	5.43	3.26	2.15	2.33	13.61	5.50	3.61	4.55	61.37	50.73	---
630	BELMONT (NEAR)	A-5	TVA	585	6	----		12.59	9.26	10.51	7.41	3.16	5.04	4.03	4.26	0.97	2.08	5.31	3.46	1.31	3.00	7.58	4.42	1.04	1.87	13.59	6.49	3.97	4.38	-----		----
493	RED BAY	B-5	TVA	627	8	3.64	5.07	11.50	6.67	10.01	6.96	2.54	3.94	3.54	4.28	2.46	2.84	4.36	3.90	2.36	4.45	4.85	2.99	0.42	2.16	13.30	5.84	4.23	4.95	63.21	54.05	4.0
480	HODGES	B-5	USWB	870	11	----	----	10.94	6.99	10.18	6.54	3.30	4.38	2.44	3.52	1.93	4.16	7.05	4.48	2.44	3.80	4.19	2.43	0.66	1.36	10.85	4.58	4.30	4.41	-----		---
510	BEXAR (R)	A-5	USWB	-	8	----	----	----	----	----	----	2.93	3.34	1.85	3.47	2.14	2.04	2.35	4.81	1.18	3.68	3.71	2.91	0.29	2.27	10.39	4.31	3.83	4.40	-----		---
44	FULTON	A-5	USWB	335	40	4.52	4.62	10.76	5.53	9.38	5.42	3.29	4.62	2.99	4.74	2.88	3.86	4.41	4.57	1.98	3.59	----	2.75	0.61	2.83	----	3.50	4.30	5.72	-----	51.75	3.7
360	HALEYVILLE	B-5	USWB	947	12	3.48	5.95	10.97	6.41	11.49	6.67	3.73	4.48	2.12	3.47	2.00	4.76	3.65	6.00	1.30	4.47	4.78	3.18	0.43	2.11	10.25	4.47	3.92	4.73	58.12	56.70	5.5
360a	HALEYVILLE (R)	B-5	USWB	947	9	2.77	4.59	10.27	5.97	10.86	6.67	3.58	3.93	1.90	2.38	1.79	3.78	3.20	5.08	1.02	4.65	4.49	2.85	0.56	1.68	9.66	4.78	3.68	4.73	53.78	51.09	---
45	WATERLOO	B-4	USWB	440	52	#3.18	4.73	14.04	4.52	6.08	5.68	2.57	4.89	3.88	4.37	2.21	3.98	3.78	4.22	0.56	3.89	5.37	2.99	1.03	3.38	11.97	3.72	3.69	5.35	#58.36	51.72	6.0
621	YOUNGS STORE (NEAR)	B-4	ALA	840	5	4.36		13.13		6.98		2.17		3.74		3.32		6.23		0.50		4.93		1.05		13.79		4.44		64.64		7.3
583	SMITHSONIA (NEAR)	B-4	TVA	500	7	3.73	4.69	12.00	6.98	6.87	5.93	1.94	3.62	4.00	3.61	3.10	2.50	9.93	3.55	0.62	3.70	5.07	3.44	1.10	1.70	12.35	5.42	2.69	4.43	63.40	49.57	---
462	BARTON	B-4	TVA	463	9	#5.20	5.38	13.02	6.90	9.46	6.23	2.54	4.25	5.74	3.99	1.66	2.39	6.46	3.88	0.18	3.94	4.86	3.03	1.27	1.91	13.69	5.34	3.40	5.53	#67.48	52.77	8.3
	TENNESSEE RIVER - FLORENCE TO GUNTERSVILLE																															
48	FLORENCE (AT LOCK)	B-4	USED	440	13	3.37	4.86	11.65	4.64	8.25	5.71	2.00	4.60	3.44	4.25	2.65	4.47	5.13	4.62	0.48	3.86	4.60	2.85	0.97	3.22	11.74	3.45	4.31	5.14	58.59	51.67	6.8
504	MUSCLE SHOALS	B-4	USWB	534	65	3.64	4.86	13.64	4.64	7.23	5.71	1.58	4.60	3.57	4.25	2.84	4.47	6.25	4.62	0.35	3.86	4.84	2.85	1.23	3.22	11.39	3.45	4.45	5.14	61.01	51.67	7.0
471	WILSON DAM	B-4	TVA	530	15	3.74	6.28	12.41	9.22	7.97	6.70	2.06	4.17	3.96	3.14	2.47	3.36	5.64	3.84	0.88	3.00	4.47	2.80	0.91	2.30	12.55	4.52	4.38	4.02	61.44	53.35	8.0
49	TVA NURSERY	B-4	TVA	505	14	4.10	5.01	12.85	6.35	8.24	5.63	1.79	4.40	3.50	3.17	3.66	3.38	5.64	4.04	0.85	3.26	5.36	2.70	1.04	2.42	12.38	4.45	4.16	3.95	63.57	48.76	7.0
369	IRON CITY	B-4	TVA	540	28	#3.18	5.03	#11.42	5.56	5.82	5.52	4.02	4.75	2.83	4.41	0.82	3.83	5.72	4.50	1.00	4.41	4.30	3.52	1.68	2.21	12.96	3.95	5.53	5.53	#59.28	53.22	10.0
648	MCGLAMERY	B-4	TENN	950	4	5.26		14.58		7.02		3.40		3.38		1.55		6.40		0.91		4.00		2.01		12.63		5.86		67.00		20.0
681	OVILLA	B-3	TVA	980	1	----		----		6.29		5.58		2.48		2.07		4.22		1.58		2.84		1.34		13.19		6.53		-----		---
51	LORETTO	B-4	TVA	774	21	4.06	5.48	11.92	5.60	7.31	6.49	2.72	4.98	3.86	4.31	2.46	3.50	5.80	4.53	0.28	4.17	3.00	2.73	1.35	3.01	12.59	4.57	5.64	4.72	60.99	54.09	8.3
691	LAWRENCEBURG	C-4	TVA	850	-	ESTABLISHED NOVEMBER 22, 1948																				----		5.76		-----		---
50	ETHRIDGE	C-3	TVA	970	13	5.13	5.01	13.21	5.64	6.32	4.69	4.20	4.13	2.61	3.64	2.03	2.81	3.49	4.48	1.20	3.44	2.79	2.90	1.72	2.33	11.60	4.58	5.99	4.19	60.29	47.84	14.7
644	NEWBURG	B-5	TVA	660	5	4.18		10.62		10.13		3.11		3.33		3.76		6.02		0.96		5.31		0.57		8.97		3.91		60.87		8.0
521	CENTER STAR (NEAR)	B-4	TVA	600	8	3.39	5.14	11.31	6.62	8.32	5.86	1.56	3.25	4.19	2.78	1.46	2.52	7.59	5.07	1.21	4.16	3.63	2.98	1.03	1.62	11.25	4.80	4.18	4.66	59.12	49.46	8.0
52	WHEELER DAM	B-4	TVA	580	13	3.67	5.24	12.97	6.31	8.87	5.86	2.43	4.21	4.15	3.18	2.78	3.50	5.01	4.41	0.58	3.04	2.68	2.23	0.76	2.22	11.92	4.48	4.73	4.24	60.55	48.92	7.0
682	SHOEMAKER SPRINGS	C-4	TVA	610	1	ESTABLISHED MARCH 10, 1948						2.12		4.14		2.60		3.80		0.00		3.35		0.74		12.34		4.96		-----		---
381	MOULTON (R)	C-5	TVA	630	10	3.31	4.66	9.24	6.34	10.50	6.18	1.98	3.28	5.52	2.67	3.66	3.47	2.90	3.78	0.84	3.54	3.88	2.62	0.71	1.22	11.91	3.90	3.20	3.67	57.65	45.33	---
53	CENTRAL TOWER	B-5	USFS	1500	14	3.13	5.07	12.33	6.06	11.35	6.55	2.23	4.25	4.04	3.49	1.58	3.22	3.04	4.59	2.99	4.17	5.32	2.56	0.38	2.05	12.11	3.94	3.30	4.23	61.80	50.18	---
481	ADDISON (R)	C-5	USWB	875	10	2.75	4.85	9.64	6.63	6.21	5.39	4.98	3.97	2.84	2.71	1.29	4.22	3.98	4.80	2.23	4.07	5.15	3.41	1.48	1.74	13.76	4.57	4.55	4.31	58.86	50.67	---
62	ATHENS	C-4	TVA	710	14	2.70	5.78	10.53	5.74	9.33	6.33	2.36	4.27	5.83	3.04	4.59	3.20	3.64	4.18	1.06	3.68	3.34	2.85	0.84	2.67	11.79	4.58	4.95	4.74	60.96	51.06	---
63	DECATUR	C-5	USWB	573	70	3.33	4.63	10.58	4.43	9.65	5.62	2.99	4.48	3.23	3.83	3.57	3.79	5.29	4.35	1.26	3.91	3.21	2.37	0.87	3.07	11.73	3.20	3.92	5.04	59.63	48.72	6.9
63b	DECATUR NO. 4	C-4	TVA	600	2	3.23		10.83		9.53		2.92		3.19		3.32		4.99		2.22		3.21		1.07		12.61		3.98		61.10		6.0
411	DECATUR NO. 2 SUBSTA.	C-5	TVA	588	10	2.96	4.64	9.50	5.69	8.70	5.80	3.09	3.66	3.45	2.37	2.60	2.84	4.04	4.07	0.56	3.23	2.51	3.30	0.78	1.62	12.51	4.27	3.77	4.13	54.47	45.62	6.6
503	DANVILLE	C-5	TVA	595	8	2.59	4.66	9.14	5.80	8.47	6.02	3.16	3.69	5.39	2.81	3.65	2.60	3.72	3.65	0.88	3.34	4.11	3.81	0.32	1.81	15.14	4.95	3.50	4.49	60.07	47.63	6.5
384	FALKVILLE	C-5	TVA	620	10	2.69	4.75	10.15	7.08	6.70	5.72	2.42	3.62	4.19	3.08	2.89	3.28	3.62	5.02	2.10	3.79	2.45	3.16	1.00	1.79	14.04	4.62	3.60	4.11	55.85	50.02	6.3
513	GARDEN CITY (R)	C-5	USWB	504	8	4.30	4.35	8.33	5.47	6.59	6.52	4.21	4.30	3.21	2.98	4.05	3.15	1.96	4.74	2.36	4.39	3.84	3.35	1.14	2.21	13.32	4.96	4.55	5.60	57.86	52.02	---
474	ALABAMA STATE FARM	C-4	API	600	19	3.09	4.41	9.20	5.29	9.63	5.79	2.64	3.65	3.99	3.22	3.55	2.91	6.29	4.57	0.87	3.68	#3.00	3.21	0.88	2.51	13.79	4.00	3.68	4.87	#60.61	48.11	8.8
64	MADISON	C-4	USWB	573	55	3.82	4.63	10.56	4.58	9.20	5.73	4.01	4.83	3.79	3.99	3.47	4.26	5.51	4.62	3.18	3.79	3.05	3.01	1.29	3.39	13.02	3.52	3.90	5.36	64.80	51.71	8.0
65	HUNTSVILLE SUBSTA.	C-4	TVA	615	27	3.37	5.24	10.11	5.10	7.62	5.59	2.91	5.06	4.28	3.73	2.86	4.51	4.97	4.47	1.51	4.19	2.61	2.75	1.21	2.64	13.33	3.72	4.01	4.54	58.79	51.54	6.3
65a	HUNTSVILLE	C-4	USWB	620	8	3.18	4.73	10.33	4.60	8.49	5.76	3.79	4.82	3.85	3.99	3.41	4.31	5.46	4.69	1.41	3.91	2.46	2.96	1.57	3.32	13.60	3.46	4.41	5.41	61.96	51.96	6.4
66	CENTER GROVE	C-5	TVA	780	13	5.87	5.96	13.36	6.60	10.41	6.83	4.33	5.32	3.98	3.43	5.94	4.45	6.11	5.12	5.14	4.80	4.47	3.33	1.39	2.66	15.95	4.99	5.64	4.74	82.59	58.23	6.6
67	ST. BERNARD	C-5	USWB	802	42	4.11	5.51	10.73	4.92	6.66	5.97	4.39	4.84	3.38	4.49	3.00	4.27	2.74	5.32	3.62	4.66	3.25	2.79	0.29	3.74	13.78	3.72	4.58	5.53	60.53	55.76	4.7

(#) Interpolated or partly interpolated. (R) Recorder at present.

TENNESSEE VALLEY AUTHORITY

ANNUAL 1948 PRECIPITATION—In Inches

HYDRAULIC DATA BRANCH

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs.of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	(Inches)
	TENNESSEE RIVER - FLORENCE TO GUNTERSVILLE (CONT'D)																															
576	FARLEY	C-5	TVA	670	7	3.01	4.90	10.72	7.12	8.37	6.47	4.46	4.11	2.45	3.43	3.36	3.10	4.26	2.84	2.06	2.77	4.03	4.11	1.23	1.88	13.09	4.68	3.35	4.46	60.39	49.87	5.3
530	MONTE SANO NO. 6	D-4	TVA	1650	8	#3.09	5.59	11.50	6.44	9.05	6.29	4.50	4.25	4.48	3.59	4.48	4.46	6.35	4.07	1.80	3.41	2.94	4.26	1.90	2.26	14.47	5.72	5.27	5.58	#69.83	55.92	9.0
506	TONY (R)	C-4	TVA	750	8	2.68	4.71	9.46	5.82	9.33	5.20	3.94	3.49	4.33	2.68	3.00	1.97	6.36	3.66	2.67	2.63	3.47	3.19	0.68	1.80	12.92	4.52	6.11	4.68	64.95	44.35	---
624	NEW MARKET	D-4	TVA	725	6	3.28	5.98	7.94	6.61	8.56	6.35	3.28	4.22	3.13	4.36	3.70	3.40	7.13	3.81	2.18	2.42	3.50	4.44	0.91	1.89	12.91	6.17	5.83	4.76	62.35	54.41	6.1
585	ELORA	D-4	TVA	940	7	3.68	4.79	8.59	6.72	7.94	5.75	3.49	4.34	4.17	3.62	2.94	4.35	4.61	2.45	1.29	3.51	2.46	4.01	1.20	2.00	12.65	5.45	5.87	5.57	58.89	52.56	7.4
69	PAINT ROCK (R)	D-4	TVA	610	13	3.50	5.65	11.35	6.54	8.00	5.95	4.13	4.93	3.06	2.90	2.66	3.82	3.97	4.10	3.62	3.98	3.84	3.18	1.17	1.98	14.30	4.38	4.94	4.71	64.54	52.12	---
385	SWAIM	D-4	TVA	665	10	3.69	5.10	12.27	7.69	9.42	6.07	4.92	4.18	4.76	3.87	2.98	3.90	4.65	4.43	1.44	3.90	3.26	3.33	1.04	1.86	14.72	4.99	5.57	5.03	68.72	54.35	5.0
78	HYTOP	D-4	TVA	1500	14	2.83	6.18	10.10	6.90	10.62	6.43	7.54	5.36	3.82	4.15	3.10	4.13	5.40	5.20	2.60	3.66	3.01	3.33	1.15	2.75	16.14	5.32	6.31	5.35	72.62	58.76	5.5
	ELK RIVER																															
54	BETHEL	C-4	TVA	650	14	4.37	5.57	10.93	6.21	8.67	6.04	2.99	4.43	5.52	4.04	2.73	3.00	5.60	5.42	1.02	3.48	3.74	3.88	1.15	2.87	12.73	4.99	5.40	4.18	64.85	54.11	7.5
382	PULASKI	C-4	TVA	690	10	2.62	4.66	#10.85	7.11	6.70	5.52	4.71	3.80	3.15	3.89	2.97	3.13	3.85	3.96	2.92	3.95	3.97	3.65	4.51	1.88	11.19	4.89	5.69	4.38	#63.13	50.82	7.4
56	LYNNVILLE (NEAR)	C-3	USWB	744	63	3.86	4.87	12.23	4.60	6.56	5.69	4.38	4.83	2.60	4.26	1.36	4.68	5.83	4.86	4.46	4.45	5.15	3.07	2.79	3.50	12.33	3.39	6.23	5.23	67.78	53.43	12.0
57	COLDWATER	C-4	USWB	645	53	3.39	4.97	9.92	4.64	9.16	5.93	3.32	4.98	4.60	4.35	2.73	4.26	2.78	4.19	2.46	4.24	2.81	2.96	1.42	3.46	10.17	3.70	6.50	5.65	59.26	53.33	9.0
581	BOONSHILL	C-4	TVA	680	7	4.00	5.43	11.31	7.41	7.88	5.87	3.42	3.75	3.66	4.35	1.29	2.92	2.72	3.67	2.00	4.10	3.49	4.47	2.25	1.85	10.20	5.11	5.85	5.13	58.07	54.06	8.0
58	FAYETTEVILLE	D-4	USWB	670	34	----	----	9.46	5.33	#9.03	5.50	#3.53	4.24	5.13	4.06	1.74	3.56	6.82	4.85	0.54	3.58	1.75	2.84	1.38	2.93	9.57	4.17	5.18	4.60	-----		---
605	BELLEVILLE	D-4	TVA	747	7	3.81	5.73	11.09	7.92	8.55	6.05	4.26	4.41	4.99	4.59	1.29	3.46	6.01	4.70	1.07	2.79	2.62	4.43	2.45	2.22	11.52	5.59	6.61	5.52	64.27	57.41	10.8
383	PETERSBURG	C-3	TVA	785	10	4.17	5.33	11.68	7.50	8.24	5.59	5.19	3.97	3.85	4.01	1.02	3.56	6.34	5.35	3.73	3.43	2.67	3.44	2.89	1.92	10.07	4.75	5.75	4.63	65.60	53.48	9.0
582	LYNCHBURG	D-3	TVA	780	7	3.95	5.29	10.34	7.10	8.75	6.07	4.87	3.93	4.52	4.14	1.56	3.31	3.87	3.77	1.52	3.53	1.57	4.87	1.33	1.99	11.72	5.32	5.90	5.54	59.90	54.86	8.5
60	BELVIDERE (R)	D-4	TVA	970	13	3.29	4.87	8.80	5.20	8.03	4.98	6.48	3.98	6.54	3.44	2.42	3.74	5.28	5.24	0.98	4.07	2.38	3.11	1.51	2.30	11.80	3.98	5.70	4.19	63.21	49.10	---
61	TULLAHOMA	D-3	USWB	1065	62	3.68	4.89	10.63	4.63	8.62	5.80	4.78	5.11	3.76	4.29	1.68	4.26	5.48	4.80	0.54	4.44	1.64	3.26	2.33	3.59	11.30	3.59	6.13	5.80	60.57	54.46	8.1
450	WINCHESTER SUBSTA.	D-4	TVA	960	9	3.81	4.82	10.13	5.86	7.24	5.26	4.94	3.98	4.16	4.18	3.98	4.36	5.76	5.43	2.79	4.04	1.77	3.45	1.65	2.47	11.57	4.48	5.92	4.81	63.72	53.14	9.4
472	MONTEAGLE	D-4	USWB	1920	9	3.29	4.97	11.20	4.36	11.04	5.63	6.41	4.93	4.14	4.60	1.46	5.17	7.57	5.25	1.36	5.09	2.17	3.26	0.59	3.49	13.24	3.87	6.90	5.21	69.37	55.83	12.5
	TENNESSEE RIVER - GUNTERSVILLE TO CHICKAMAUGA																															
70	GUNTERSVILLE DAM	D-5	TVA	611	13	3.45	5.33	9.58	5.91	6.37	6.01	3.20	4.73	2.89	2.78	2.37	3.52	4.54	4.57	2.07	3.91	2.68	2.67	0.37	1.96	13.93	3.89	3.97	4.46	55.42	49.74	---
71	GUNTERSVILLE	D-5	USWB	640	48	4.33	4.61	9.57	5.00	7.00	5.68	4.21	4.96	2.42	4.42	2.36	3.92	5.37	4.93	2.02	4.13	3.05	3.15	0.74	3.07	14.85	3.28	5.11	5.19	61.03	52.34	9.2
403	GUNTERSVILLE (R)	D-5	TVA	610	10	4.19	5.20	9.66	6.05	6.69	6.22	3.78	4.25	2.16	2.80	2.25	3.12	6.15	3.91	1.55	3.95	2.65	3.02	0.73	1.67	13.86	4.03	4.12	4.76	57.79	48.98	---
72	ALBERTVILLE	D-5	USWB	1114	23	4.06	5.15	9.74	4.88	8.11	6.29	3.13	4.66	6.23	4.21	2.21	4.24	6.71	5.01	0.67	4.41	3.34	3.17	1.05	3.27	15.48	3.72	----	5.36	-----	54.37	---
482	BOAZ (R)	D-5	USWB	1010	11	4.25	4.83	8.43	6.24	6.21	6.26	3.74	4.75	3.29	3.25	4.44	3.97	6.92	4.37	1.82	4.27	4.47	3.34	1.44	1.81	15.35	4.49	3.99	4.82	64.35	52.40	---
482a	BOAZ	D-5	USWB	1010	11	4.70		9.12		6.79		4.14		3.44		4.57		7.34		2.32		4.48		0.68		16.06		3.97		67.61		6.4
524	SAND MT. STATE FARM	D-5	API	1195	8	4.00	5.33	9.27	6.38	6.27	6.74	4.00	4.71	4.04	3.40	1.42	3.61	6.80	4.00	4.08	4.66	4.28	3.37	1.59	2.42	16.89	5.35	5.42	6.08	68.06	56.05	6.2
483	COLLINSVILLE	D-5	USWB	825	11	5.24	5.59	8.89	7.13	6.22	6.67	3.40	4.93	3.87	3.77	4.19	3.71	4.29	4.50	5.90	4.03	4.00	3.12	1.05	1.98	18.90	4.96	3.44	4.86	69.39	55.25	4.5
515	LEESBURG	E-5	USWB	636	56	5.28	5.16	8.22	5.33	7.50	6.17	3.42	4.65	3.32	3.81	2.77	4.02	5.88	5.35	8.23	4.06	4.21	2.97	1.11	3.23	19.69	3.41	4.05	5.78	73.68	53.94	3.2
75	SOUTH HILL	D-5	TVA	980	13	5.37	6.43	9.52	6.38	6.60	6.19	4.44	5.21	3.26	3.72	1.74	3.58	6.47	4.79	3.90	4.21	4.71	2.99	1.22	2.38	15.34	4.20	4.84	5.04	67.41	55.12	7.8
79	FT. PAYNE (R)	E-5	USWB	920	8	4.09	4.68	7.97	5.91	6.42	6.75	5.03	4.33	4.09	3.68	4.11	3.25	----	----	2.74	2.90	4.38	3.54	1.02	2.23	----	----	----	----	-----		---
79a	FT. PAYNE	E-5	USWB	920	13	4.44	6.05	8.32	6.19	6.73	6.44	5.07	5.05	4.32	3.32	3.90	4.06	6.36	4.56	2.79	3.68	----	----	0.96	2.27	15.74	3.99	----	----	-----		5.5
80	VALLEY HEAD	E-5	USWB	981	64	3.80	4.85	9.41	4.84	7.47	5.65	4.31	5.08	3.86	4.26	3.92	4.29	6.47	5.01	2.60	4.56	3.31	2.55	1.13	3.45	#13.02	3.16	#5.18	5.17	#64.48	52.87	3.8
386	SYLVANIA	D-5	TVA	1400	10	4.75	5.58	10.42	7.26	7.02	6.09	5.39	4.20	4.12	3.31	3.74	4.51	4.20	3.87	3.10	3.57	3.62	3.18	0.93	1.79	14.95	4.47	5.19	5.08	67.43	52.91	8.0
76	SCOTTSBORO	D-4	USWB	652	67	4.37	4.82	10.94	4.84	8.60	5.81	7.37	4.81	6.39	3.98	4.03	4.42	3.84	4.97	3.83	4.14	3.30	2.84	1.85	3.27	15.49	3.28	6.03	5.47	76.04	52.65	---
76a	SCOTTSBORO SUBSTA.	D-4	TVA	660	2	4.72		11.57		8.39		5.75		6.86		4.16		3.13		3.70		3.40		1.96		15.42		6.71		75.77		8.5
387	FLAT ROCK (R)	E-4	TVA	1380	10	4.08	4.92	10.50	6.58	8.49	5.70	2.84	3.75	3.36	3.61	6.36	3.46	2.86	3.64	1.94	3.29	2.75	2.38	0.98	1.64	13.86	4.26	5.34	4.56	63.36	47.79	---
83	BRIDGEPORT	E-4	USWB	627	53	3.86	4.81	9.02	4.84	8.30	5.96	4.59	4.68	4.06	4.18	2.12	4.17	4.01	4.89	2.40	4.06	2.56	2.65	1.79	3.25	13.09	3.32	4.88	5.37	60.68	52.18	5.0
531	FRANKLIN STATE FOREST	D-4	TENN	1950	9	4.22	5.45	13.30	6.39	8.74	6.31	5.29	4.25	5.28	3.72	2.69	3.96	8.41	4.79	1.80	3.42	1.87	3.54	2.05	2.34	14.78	6.21	6.20	5.34	74.63	55.72	8.0
84	SEWANEE	D-4	TVA	1925	55	3.64	4.98	10.79	5.00	9.41	6.01	5.11	4.85	3.34	4.27	5.94	4.82	8.91	5.39	0.38	4.62	0.99	3.07	1.04	3.20	12.57	4.11	6.47	5.06	68.59	55.38	12.9
451	JASPER SUBSTA.	E-4	TVA	650	9	3.55	5.11	9.79	6.18	8.53	6.16	6.40	4.37	4.39	3.40	1.63	3.32	6.09	4.99	3.96	3.37	2.06	2.67	2.27	2.37	16.16	5.12	#5.85	5.36	#70.68	52.42	---
85	LOCKHART TOWER	E-4	TVA	2400	13	4.13	6.12	9.83	6.58	9.42	6.26	5.75	5.03	2.53	4.22	2.06	4.85	8.24	6.50	3.43	4.93	3.39	2.59	2.75	2.85	17.00	5.02	6.50	5.42	75.03	60.37	7.5
86	DUNLAP	E-3	TVA	730	25	4.07	5.52	9.48	5.06	9.55	5.21	3.77	4.72	1.89	3.34	2.84	4.15	5.87	5.47	1.39	4.18	3.48	3.15	2.54	2.83	12.68	3.70	5.45	5.04	63.01	52.37	8.1
438	CAGLE (R)	E-3	TVA	2030	9	3.45	4.66	9.04	5.47	9.16	5.40	3.06	3.87	2.36	3.16	1.40	3.22	6.12	4.63	2.01	3.94	2.14	2.75	2.30	2.36	14.02	4.03	6.17	4.88	61.23	48.37	---
389	COLLEGE JUNCTION	E-3	TVA	800	10	3.52	4.59	8.99	6.07	8.60	5.22	3.08	4.00	3.74	3.49	4.32	3.87	5.79	4.81	2.85	3.56	3.70	2.89	1.63	2.20	13.74	4.16	6.23	4.76	66.19	49.62	11.2
390	LITTON	E-3	TVA	980	10	3.48	4.57	8.95	6.43	8.86	5.27	3.10	4.07	1.54	3.60	4.11	3.79	4.26	5.64	1.71	4.07	2.44	3.28	2.69	1.89	13.87	4.42	6.54	5.02	61.55	52.05	9.1
452	HALES BAR DAM	E-4	TVA	690	9	3.23	4.52	8.68	5.64	8.18	5.28	4.66	3.89	3.13	3.12	2.24	3.63	6.09	4.10	3.17	2.65	2.76	2.61	1.74	2.11	13.56	4.24	5.32	4.66	62.76	46.45	3.5
452a	HALES BAR LOCK	E-4	USED	670	10	3.60		9.15		8.44		4.81		3.49		2.23		6.32		3.15		2.96		1.96		14.14		5.73		65.98		---
669	RISING FAWN	E-4	TVA	-	2	4.20		11.31		6.67		3.53		3.81		4.56		5.65		2.16		3.32		1.32		12.95		6.12		65.60		6.0
667a	LOOKOUT MTN. NO. 2	E-4	USWB	2000	-	4.23		9.63		PUBLICATION OF DATA DISCONTINUED FEBRUARY 29, 1948																				-----		---
391	LOOKOUT MTN.	E-4	TVA	2100	19	4.44	5.42	10.28	5.92	9.58	5.71	4.66	3.98	3.99	4.00	7.30	4.32	6.98	5.26	8.16	4.38	4.86	3.25	1.52	2.92	17.67	4.34	5.81	5.19	85.25	54.69	9.8
628	FLINTSTONE	E-4	PRIVATE	710	6	4.38		9.30		8.94		4.34		----		4.24		6.32		4.07		3.31		----		15.68		5.21		-----		---
89	CHATTANOOGA	E-4	USWB	750	70	4.77	5.26	9.40	4.88	9.25	5.78	4.45	4.85	3.29	3.79	2.57	4.16	6.27	4.25	6.79	4.03	4.10	3.11	1.83	3.01	12.70	3.36	5.51	5.13	70.93	51.61	---
488	CHATTANOOGA AIRPORT (R)	E-4	USWB	671	11	4.44	5.26	9.61	4.88	9.18	5.78	4.02	4.85	2.96	3.79	2.88	4.16	4.97	4.25	3.24	4.03	3.08	3.11	1.48	3.01	13.59	3.36	5.17	5.13	64.62	51.61	5.7
566	CHICKAMAUGA PARK	E-4	USDI	789	8	3.99	5.47	9.49	6.70	9.05	6.06	3.17	4.09	2.60	3.46	2.15	3.55	5.61	6.12	3.77	3.88	3.78	3.84	1.27	2.62	13.47	4.92	4.93	5.52	63.28	56.23	---
82	LAFAYETTE	E-4	USWB	810	17	4.40	5.38	----	5.54	6.07	5.17	3.30	5.48	#3.41	3.51	2.17	4.84	4.84	5.19	----	4.56	3.61	3.36	0.91	2.48	15.86	3.09	5.11	4.68	-----	53.28	2.8
82a	LAFAYETTE (R)	E-4	USWB	810	9	3.82	5.17	----	----	6.16	6.07	3.00	3.60	3.32	3.13	2.08	3.69	4.93	4.96	----	----	----	----	0.88	2.07	15.03	4.60	4.96	5.93	-----		---
392	TUNNEL HILL	E-4	TVA	880	10	3.09	5.02	9.39	6.69	6.44	5.62	3.07	3.69	3.33	3.94	2.48	4.31	4.16	3.58	1.85	4.07	3.01	3.02	2.49	2.22	14.31	4.25	4.47	4.79	58.09	51.20	5.3
396	DALTON	F-4	USWB	800	12	4.52	6.45	11.77	5.62	#7.00	5.62	4.10	5.00	3.37	4.19	2.28	4.36	4.17	5.19	2.04	4.89	4.37	3.00	0.43	2.46	17.10	3.29	4.80	4.94	#65.95	55.01	9.6

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1948 PRECIPITATION—In Inches

TENNESSEE VALLEY AUTHORITY

HYDRAULIC DATA BRANCH

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	CANEY FORK RIVER ABOVE ROCK ISLAND																															
88	ROCK ISLAND POWERHOUSE	E-3	TVA	813	44	3.62	4.73	11.40	4.67	6.56	5.79	2.88	4.22	3.63	4.13	6.09	4.44	3.92	5.21	5.24	4.26	2.29	3.63	3.27	3.04	11.26	3.57	6.49	4.83	66.65	52.52	11.6
88a	ROCK ISLAND (R)	E-3	USWB	813	9	3.43	4.04	10.87	5.64	5.88	4.59	2.68	3.44	3.45	2.95	5.82	3.54	4.08	4.77	5.12	3.54	2.39	3.63	3.37	2.31	9.93	4.26	5.15	4.72	62.17	47.43	---
665	SMITHVILLE	D-2	USWB	1030	5	4.02	5.38	10.34	4.57	6.10	5.99	3.90	4.56	3.63	3.94	3.87	4.57	4.38	4.93	2.74	4.63	1.94	2.91	3.42	3.11	9.64	3.81	5.88	4.41	59.86	52.81	15.1
439	DIBRELL	E-3	TVA	950	9	3.99	4.13	11.42	5.90	7.51	5.26	2.80	3.52	2.81	3.94	8.03	3.36	5.18	4.78	2.29	3.94	2.47	4.01	2.00	1.95	10.13	4.46	5.87	4.46	64.50	49.71	14.4
440	IRVING COLLEGE	E-3	TVA	1050	9	3.36	3.61	7.74	5.32	7.97	4.84	2.30	3.38	2.40	2.98	3.70	3.68	3.66	4.34	1.64	3.41	2.04	2.92	2.24	2.00	10.09	3.60	6.30	4.13	53.44	44.21	14.0
441	ALTAMONT	E-3	TVA	1920	9	3.45	4.73	10.42	6.58	7.11	5.72	4.01	4.52	2.30	3.62	1.78	3.72	7.62	4.52	1.90	3.98	2.61	3.62	1.66	2.24	12.35	4.53	6.44	5.49	61.65	53.27	13.0
87	MCMINNVILLE	E-3	USWB	1015	68	4.75	4.80	10.76	3.94	6.76	5.48	2.48	4.42	2.08	4.02	6.67	4.41	2.92	5.17	2.65	4.16	2.72	3.36	2.76	3.39	10.62	3.30	6.55	4.96	61.72	51.41	14.4
87b	MCMINNVILLE	E-3	TVA	1000	7	4.15	4.79	10.73	6.92	6.42	5.12	2.78	3.45	3.08	3.95	6.02	3.88	4.67	5.38	4.37	3.66	2.25	4.18	2.28	2.00	10.86	4.66	6.49	5.31	64.10	53.30	15.0
442	TROUSDALE	D-3	TVA	980	9	4.03	3.95	11.24	6.22	7.49	5.06	2.13	3.40	2.15	3.31	4.45	3.11	3.55	4.38	2.22	4.11	2.70	3.60	2.08	2.05	9.48	4.17	6.62	4.60	58.14	47.96	14.2
443	SUMMITVILLE (R)	D-3	TVA	1120	9	4.21	4.38	11.35	6.54	7.39	5.60	2.09	3.79	3.08	3.64	2.46	2.84	5.87	4.68	0.81	3.90	2.07	3.24	3.97	2.25	10.38	4.17	6.96	4.67	60.64	49.70	---
437	ROCKY RIVER	E-3	TVA	900	9	4.11	4.26	9.16	5.96	6.74	5.32	2.42	3.73	2.60	3.54	7.84	4.82	5.10	5.12	1.95	4.47	2.29	3.55	3.36	2.33	10.88	3.89	5.92	4.42	62.37	51.41	14.1
432	SPARTA SUBSTA.	E-3	TVA	920	33	4.16	4.66	10.64	4.32	6.63	5.58	4.59	4.29	5.10	4.06	3.36	4.82	3.66	5.38	2.43	4.67	2.05	3.38	2.50	2.80	10.00	3.56	5.52	4.64	60.64	52.16	14.8
432a	SPARTA (NEAR)	E-3	USWB	900	9	5.94	5.14	10.94	6.35	----	----	3.73	3.66	4.29	3.91	4.89	3.41	4.26	4.42	2.89	4.20	2.67	3.78	2.68	2.12	11.92	4.90	6.49	4.66	-----		19.3
433	TAYLORS	E-2	TVA	950	9	4.23	4.18	9.87	5.69	6.60	5.44	2.89	3.60	4.07	3.95	6.05	4.12	3.58	4.88	3.51	3.79	2.48	3.99	3.03	2.08	9.68	4.20	6.53	5.02	62.52	50.94	22.3
165	MONTEREY	E-2	USWB	2000	16	4.64	5.27	10.60	5.42	7.03	5.94	1.55	4.57	3.67	4.53	3.13	4.88	5.71	5.36	3.45	5.79	1.86	4.00	3.13	2.80	10.57	3.99	6.69	5.10	62.03	57.65	32.0
165a	MONTEREY (NEAR) (R)	E-2	USWB	2000	1	3.19		9.32		6.06		1.17		3.22		2.69		5.78		2.33		1.72		3.14		9.82		5.83		54.27		---
434	EASTLAND	E-3	TVA	1750	32	3.69	5.40	10.01	5.08	7.98	6.39	3.69	5.14	2.43	4.15	5.07	5.20	5.05	5.74	1.92	4.77	1.58	3.79	2.70	3.34	10.05	3.50	7.29	5.46	61.46	57.96	12.3
435	HERBERT	E-3	TVA	1660	9	3.90	4.28	9.10	5.75	7.35	5.10	3.00	4.13	2.25	3.31	3.80	3.20	3.25	4.92	1.55	4.00	2.50	3.03	1.85	2.10	10.85	3.62	5.85	4.63	55.25	48.07	16.1
436	FALLS CREEK FARK	E-3	TVA	1500	9	3.06	4.02	9.92	6.01	7.55	4.96	3.07	3.93	2.19	3.53	5.18	3.83	4.71	5.89	4.42	4.19	3.72	3.45	1.83	2.23	10.83	3.87	5.37	5.00	61.85	50.91	---
532	BLEDSOE STATE FOREST	E-3	TENN	1700	8	3.40	3.92	8.90	5.42	7.50	4.60	3.55	3.76	1.80	3.53	5.75	3.41	3.11	5.51	2.32	3.76	3.18	3.71	1.44	2.17	11.41	4.40	5.91	5.58	58.27	49.77	15.0
	TENNESSEE RIVER - CHICKAMAUGA TO WATTS BAR																															
90	CHICKAMAUGA DAM	E-4	TVA	700	13	5.05	6.09	9.87	5.82	8.49	5.56	4.38	4.72	2.56	3.75	3.70	4.03	4.99	4.98	5.18	3.51	4.14	2.66	2.25	2.68	16.88	4.31	5.70	5.38	73.19	53.49	---
430	OOLTEWAH	E-4	TVA	765	9	#4.45	5.14	#9.31	5.42	#9.29	5.69	#2.69	3.51	2.91	3.34	3.51	3.44	4.48	4.76	6.23	4.29	2.47	2.75	3.05	2.56	14.52	4.02	5.14	5.22	#68.05	50.14	5.8
393	LEWIS CHAPEL	E-3	TVA	1850	10	4.24	5.24	10.08	6.76	9.24	6.33	3.37	4.63	2.79	3.68	3.65	4.29	5.56	4.77	3.54	4.11	3.41	2.94	2.63	2.15	15.32	4.94	6.24	5.49	70.07	55.33	13.3
685	FRIENDSHIP SCHOOL	E-3	TVA	760	1	ESTABLISHED MAY 1, 1948								3.23		4.88		5.06		1.94		1.99		2.17		16.58		6.27		-----		---
420	MORGANTOWN	E-3	TVA	740	9	4.10	5.05	8.84	5.52	7.55	5.78	4.46	4.73	1.65	3.74	2.98	4.13	7.03	5.72	4.19	4.03	2.96	3.25	1.68	2.29	15.83	4.78	6.08	5.34	67.35	54.36	8.1
92	MORGAN SPRINGS	E-3	TVA	1900	14	4.05	6.62	9.61	6.04	8.35	5.85	4.10	5.15	2.33	4.25	2.90	4.24	5.82	5.73	3.28	5.34	4.13	2.92	1.44	3.46	17.75	5.13	6.42	5.08	70.18	59.81	9.9
646	OGDEN	E-3	TVA	1800	5	4.10		DISCONTINUED JANUARY 31, 1948																						-----		---
156	BREEDENTON	F-3	USWB	700	54	3.79	4.76	8.60	4.85	8.04	5.87	3.68	4.84	3.94	4.20	3.99	4.67	5.37	5.01	2.96	4.36	2.31	3.20	4.17	3.31	13.88	3.72	5.94	6.05	66.67	54.84	12.6
427	RIDDLES STORE	F-3	TVA	980	9	4.06	5.05	8.87	5.46	6.62	5.04	2.85	4.03	2.69	3.50	3.36	3.41	7.16	5.91	3.83	4.19	1.03	2.88	2.34	3.10	14.68	4.23	5.89	4.73	63.38	51.53	11.5
494	PORTER LAKE	F-3	TVA	725	8	3.36	5.17	8.45	5.28	7.66	5.49	4.80	4.48	2.44	3.81	2.69	3.58	4.83	4.98	1.89	2.67	2.08	3.08	2.99	2.89	14.40	4.95	5.98	5.17	61.57	51.55	10.1
	TENNESSEE RIVER - WATTS BAR TO KNOXVILLE																															
421	WATTS BAR DAM	F-3	TVA	830	9	3.45	4.85	8.85	5.43	8.25	5.29	4.19	4.32	3.53	3.87	2.80	3.72	4.18	5.26	2.41	2.89	2.13	2.95	2.96	2.63	14.06	4.46	5.94	4.90	62.75	50.57	---
157	RODDY (R)	F-3	TVA	800	13	3.82	5.40	9.66	5.65	7.10	5.22	5.95	4.57	1.89	3.77	1.80	3.30	6.95	5.81	2.59	3.29	1.74	2.95	2.27	2.77	14.96	4.30	6.27	5.08	65.00	52.11	---
479	ROCKWOOD	F-3	PRIVATE	910	30	4.20	4.98	10.23	5.55	7.33	5.31	4.24	4.39	3.08	4.09	2.52	4.03	6.54	5.17	2.66	3.77	3.12	3.61	2.49	2.29	15.12	4.53	6.76	5.23	68.29	52.95	11.7
170	LOUDON	F-3	USWB	840	58	4.07	4.38	8.63	4.36	6.11	5.03	2.79	4.62	4.01	3.77	2.64	4.58	8.78	4.33	2.05	4.44	2.09	3.38	2.10	3.13	13.17	3.44	5.47	5.62	61.91	51.08	11.6
490	FORT LOUDOUN DAM (R)	F-3	TVA	880	8	3.43	4.93	8.77	5.56	5.69	4.58	2.81	3.46	4.34	3.70	3.71	2.81	8.56	6.32	1.80	2.50	3.02	3.56	1.92	2.67	12.94	4.02	5.92	4.73	62.91	48.84	---
637	U. S. COTTON FIELD STA.	O-3	USDA	885	14	3.93	5.38	7.34	5.08	5.45	4.90	2.87	3.95	3.23	3.54	2.83	3.27	6.39	5.65	1.85	3.52	1.26	2.52	1.30	2.41	11.08	3.58	6.22	4.13	53.75	47.93	---
409	KNOXVILLE AIRPORT (R)	O-3	USWB	995	11	3.57	4.66	6.38	4.51	5.19	5.05	2.67	4.14	3.28	3.75	3.47	4.10	5.92	4.36	1.71	3.92	1.52	2.68	1.27	2.62	10.36	3.07	5.81	4.52	51.15	47.38	12.3
205	ALCOA	G-3	ALCOA	900	33	3.84	5.04	6.99	4.93	6.48	5.57	#2.84	4.23	3.34	3.72	4.51	4.26	----	----	2.20	3.86	2.49	3.02	1.34	2.74	10.09	3.47	6.36	4.59	-----		---
394	PROVIDENCE	G-3	TVA	1100	10	3.97	4.22	6.58	5.00	4.92	4.64	3.77	3.34	1.89	3.24	3.15	3.50	3.54	4.86	2.93	3.77	1.52	2.69	1.20	2.16	9.87	3.33	6.15	4.13	49.49	44.88	12.2
497	WALLAND	G-3	TVA	900	8	4.09	4.61	6.32	5.04	5.04	4.88	3.10	3.25	2.16	3.84	4.20	3.29	5.67	5.84	3.81	4.68	2.25	3.01	1.29	2.85	10.63	3.74	5.99	4.55	54.55	49.58	10.8
473	UNIV. TENNESSEE FARM (R)	G-3	U.T.	800	11	3.70	4.27	7.95	5.83	5.60	4.62	2.84	3.90	2.78	3.80	3.12	3.92	5.15	6.10	2.29	3.88	1.31	2.78	1.28	1.99	12.05	3.81	6.21	4.21	54.28	49.11	---
473a	UNIV. TENN. LYSIMETER PLOT	G-3	U.T.	850	29	3.68	4.43	8.03	5.06	5.70	5.04	2.83	4.24	2.79	4.00	2.90	4.22	4.94	5.29	2.24	4.37	1.27	2.84	1.19	2.58	11.87	3.58	6.33	4.77	53.77	50.42	---
647	LONSDALE SUBSTA.	O-2	TVA	877	5	3.51		8.75		5.86		3.25		2.74		DISCONTINUED JUNE 11, 1948														-----		---
207	KNOXVILLE (R)	G-2	USWB	1035	78	4.20	4.66	7.59	4.51	5.58	5.05	2.75	4.14	2.83	3.75	2.70	4.10	3.90	4.36	2.37	3.92	0.91	2.68	1.25	2.62	11.69	3.07	5.95	4.52	51.72	47.38	---
651	UNIV. TENN. GEOLOGY BLDG. (R)	G-2	U.T.	974	78	3.05	4.66	7.63	4.51	5.18	5.05	2.44	4.14	2.74	3.75	2.83	4.10	3.72	4.36	2.61	3.92	1.04	2.68	1.27	2.62	11.12	3.07	5.83	4.52	49.46	47.38	12.6
658	KNOXVILLE GARAGE	G-2	TVA	890	4	3.38		#8.85		----		----		#2.90		3.06		4.50		3.04		1.14		1.29		11.65		6.05		-----		---
653	WHITTLE SPRINGS	G-2	TVA	1000	4	#4.24		#9.53		6.36		#2.51		----		----		5.20		4.06		0.80		----		----		6.32		-----		---
655	RITTA	G-2	TVA	1030	4	3.89		10.02		6.29		2.44		2.87		4.45		4.81		2.68		0.99		1.48		11.53		6.29		57.74		10.0
657	FOUNTAIN CITY	G-2	TVA	970	4	3.86		10.30		6.15		2.27		3.65		3.19		5.25		3.45		0.63		1.86		11.53		#6.41		#58.55		---
	CLINCH RIVER BELOW NORRIS DAM																															
158	KINGSTON	F-3	USWB	760	65	4.10	4.55	10.46	4.41	7.15	5.41	3.07	4.62	2.50	3.82	1.87	4.54	4.54	4.89	2.15	3.95	2.06	3.38	1.54	3.02	13.18	3.45	6.71	5.43	59.33	51.47	14.8
484	HARRIMAN (R)	F-2	TVA	810	28	4.25	4.30	9.59	5.07	7.13	5.69	3.56	4.66	2.89	3.88	3.01	4.16	3.69	5.89	1.79	3.43	2.30	3.11	2.26	2.57	13.73	3.90	6.43	4.69	60.63	51.35	---
419	OAKDALE	F-2	TVA	1030	9	3.86	4.47	10.01	5.42	7.83	5.29	4.14	4.44	3.64	4.28	4.98	4.20	3.12	5.40	2.43	4.37	3.37	2.56	2.66	2.48	14.83	4.48	6.76	4.53	67.63	51.92	12.6
606	MORGAN STATE FOREST	F-2	TENN	1100	7	4.98	5.92	11.80	7.66	7.15	5.62	2.15	4.42	3.20	5.89	4.16	5.42	3.55	5.16	2.30	3.91	4.89	5.24	2.35	2.81	16.45	6.46	5.40	5.90	68.38	64.41	12.7
167	PETROS	F-2	TVA	1400	14	4.54	5.49	11.49	6.02	7.84	5.53	2.98	4.67	3.12	4.49	4.58	4.23	4.64	5.52	3.38	5.14	3.41	3.34	2.03	3.06	14.45	4.84	7.07	5.27	69.53	57.60	14.8
160	PILOT MOUNTAIN	F-2	TVA	1400	13	4.36	4.79	9.39	4.98	----	----	2.71	3.66	----	----	4.20	3.61	4.65	4.50	2.46	4.36	2.37	2.99	2.19	2.34	11.12	3.65	6.76	4.13	-----		16.7

(#) Interpolated or partly interpolated. (R) Recorder at present.

TENNESSEE VALLEY AUTHORITY

ANNUAL 1948 PRECIPITATION—In Inches

HYDRAULIC DATA BRANCH

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	CLINCH RIVER BELOW NORRIS DAM (CONT'D)																															
485	SUNBRIGHT (R)	F-2	USWB	1480	9	3.99	4.19	8.29	5.01	5.72	4.66	2.48	3.18	3.69	3.62	5.42	4.59	4.38	4.09	1.78	3.92	2.36	2.99	3.11	2.35	13.90	4.49	#5.73	4.32	#60.85	47.41	---
164	CLARKRANGE	E-2	TVA	1800	13	3.95	4.99	8.41	4.86	6.77	4.78	0.98	3.74	2.74	3.61	3.46	3.68	3.85	4.69	3.44	4.10	2.65	2.97	2.80	2.27	9.49	3.95	5.34	4.20	53.88	47.84	21.8
159	HEBBERTSBURG	F-2	TVA	1800	14	4.00	4.98	9.56	5.62	7.12	4.93	3.33	4.40	2.95	3.88	4.29	3.72	3.84	5.40	2.56	4.60	2.96	2.97	3.87	2.78	14.08	4.25	6.24	4.73	64.80	52.26	24.0
163	CROSSVILLE (NEAR)	E-2	USWB	1920	37	4.02	4.99	10.59	4.65	7.51	5.92	2.33	4.79	3.05	4.10	4.59	4.52	3.45	5.62	2.20	4.55	2.64	3.30	2.42	3.17	10.44	3.34	6.14	5.24	59.38	54.19	12.7
507	LANTANA (R)	E-3	TVA	1910	8	3.26	4.62	10.14	5.45	7.14	4.84	4.06	3.77	1.97	3.33	3.22	3.14	3.36	4.36	0.93	3.42	2.03	3.46	3.45	2.18	10.40	4.15	7.28	5.46	57.24	48.18	---
418	FRANKFORT	F-2	TVA	1460	10	3.75		9.00		6.47		2.25		2.54		4.25		3.54		1.94		1.73		2.92		11.51		6.27		56.17		13.3
417	CROSSVILLE	E-2	TVA	1850	10	3.96	3.94	10.31	5.71	8.17	5.26	2.90	3.64	2.49	3.57	6.46	3.61	3.25	4.07	1.32	4.31	3.03	3.24	4.49	2.52	10.86	3.82	6.92	4.76	64.16	48.45	17.3
166	CONCORD	G-3	TVA	1000	14	2.89	4.74	7.49	4.82	5.97	4.62	3.25	4.49	2.77	3.41	3.68	3.18	5.55	5.44	2.32	2.70	1.16	2.48	1.50	2.05	11.94	3.69	6.15	4.04	54.67	45.66	12.1
508	PAULETTE	G-2	TVA	1050	8	3.71	4.69	8.80	5.27	5.95	4.87	1.76	3.26	1.71	3.14	3.07	3.21	4.48	4.90	2.97	3.80	2.82	3.70	1.60	2.63	11.12	4.25	5.13	4.31	53.12	48.03	12.6
676	OAK RIDGE (NEAR) (R)	F-3	C.&C.C.CO.	900	1	2.77		8.17		5.75		2.25		1.85		1.70		6.05		2.20		1.90		1.85		12.00		6.89		53.38		---
169	CLINTON TVA NURSERY	G-2	TVA	850	60	#4.76	4.69	#11.05	4.58	7.10	5.51	2.03	4.50	2.59	3.68	1.94	5.16	6.46	5.00	3.08	4.57	1.66	3.18	1.78	2.77	12.68	3.39	6.99	5.32	#62.12	52.35	12.7
424	LAKE CITY SUBSTA.	G-2	TVA	860	9	4.58	4.63	10.01	5.46	7.71	5.39	1.60	3.56	3.15	4.20	4.14	3.48	6.15	5.19	2.91	3.87	0.87	3.78	1.38	2.38	13.23	4.34	6.36	4.59	62.09	50.87	13.5
371	VASPER	G-2	TVA	990	11	4.05	4.67	7.86	5.57	7.10	5.01	2.80	3.99	1.91	3.58	3.93	3.60	5.00	4.68	2.84	4.06	1.86	3.09	1.89	1.84	13.35	4.33	5.62	4.67	58.21	49.09	13.3
322	NORRIS EVAPORATION STATION (R)	G-2	TVA	1020	12	4.00	5.12	8.77	5.16	6.39	4.98	1.85	3.90	2.02	3.93	2.42	3.66	7.24	4.36	2.69	3.24	0.85	2.61	1.59	2.41	12.19	3.97	5.58	3.59	55.59	46.93	---
323	NORRIS DAM	G-2	TVA	875	15	4.24	5.01	8.70	5.11	6.40	5.32	1.75	3.70	2.17	4.04	2.67	3.48	6.55	4.46	3.40	4.09	0.77	2.90	1.54	2.26	11.94	3.86	5.51	4.04	55.64	48.27	12.7
	CLINCH RIVER ABOVE NORRIS DAM																															
584	TURLEY	F-2	TVA	1410	7	#4.17	4.87	10.12	5.50	6.17	5.00	2.19	3.48	2.38	4.76	4.38	4.51	5.42	4.47	3.73	5.29	1.94	3.47	1.50	2.52	12.56	4.83	4.63	4.04	#59.19	52.74	20.2
523	ELK VALLEY (NEAR)	F-2	USWB	1250	8	3.43	4.27	8.05	5.02	5.59	4.51	2.06	3.34	2.93	3.86	3.24	3.66	6.43	5.93	3.71	5.39	0.76	3.32	1.87	2.31	9.95	4.23	4.98	4.22	53.00	50.06	---
325	LAFOLLETTE	G-2	TVA	1065	15	3.53	4.54	7.53	4.53	5.50	4.23	1.85	3.73	2.20	3.42	2.88	4.19	5.28	5.17	3.98	4.81	1.23	2.62	1.29	2.04	13.00	3.70	5.23	3.69	53.30	46.67	14.0
423	WESTBOURNE SUBSTA.	G-2	TVA	1340	9	4.19	4.16	7.41	4.55	6.46	4.75	1.93	3.60	2.40	4.06	4.43	4.23	8.27	6.11	5.38	4.32	1.67	2.98	1.71	2.39	10.75	3.66	4.89	4.00	59.49	48.81	23.8
326	WELL SPRING	G-2	TVA	1040	11	3.23	3.97	7.61	4.86	6.11	4.46	1.72	3.30	1.70	3.80	4.97	3.77	6.88	4.68	3.33	3.58	1.72	2.64	1.49	2.22	10.64	3.55	4.90	3.67	54.30	44.50	13.8
333	ARTHUR	G-2	TVA	1150	13	3.86	5.37	8.27	5.09	6.35	4.85	1.76	3.41	2.35	3.39	2.85	4.08	3.96	5.73	2.57	4.62	1.49	2.66	1.41	2.43	9.69	3.57	5.50	3.94	50.06	49.14	19.7
334	MIDDLESBORO	G-1	USWB	1128	57	3.69	4.43	6.79	4.20	6.73	5.30	1.98	4.38	3.47	4.05	3.84	4.56	3.53	4.84	2.76	4.17	----	2.61	1.50	2.49	8.36	3.37	#4.08	4.47	-----	48.87	---
338	ROSE HILL	H-1	TVA	1475	15	3.30	5.40	6.12	4.88	6.68	5.21	2.48	3.95	3.00	3.88	3.06	4.64	2.61	5.78	2.37	4.93	1.00	2.70	1.65	2.53	8.12	3.55	4.83	3.71	45.22	51.16	---
487	BAXTER (NEAR) (R)	H-1	USWB	1175	9	3.37	4.06	5.01	4.18	6.05	4.24	3.13	2.99	2.93	3.24	2.60	4.56	2.81	5.60	2.58	4.94	1.71	2.83	1.48	2.18	7.16	3.25	3.52	3.62	42.35	45.69	---
339	JONESVILLE	H-1	TVA	1400	14	3.84	4.89	6.65	4.92	5.82	5.12	4.02	4.08	1.99	3.48	2.29	4.61	4.55	5.85	3.63	4.86	2.34	2.59	1.36	2.36	7.87	3.14	5.29	3.85	49.65	49.75	24.2
339c	JONESVILLE NO. 3 (R)	H-1	VPI	1525	2	3.29		6.31		5.46		3.47		1.76		2.84		4.44		2.69		----		1.30		7.68		4.99		-----		---
339b	JONESVILLE NO. 2	H-1	TVA	1375	2	4.33		6.99		5.74		3.24		2.02		3.08		4.68		4.55		1.92		1.34		8.42		5.23		51.54		25.3
340	PENNINGTON GAP	H-1	USWB	1386	17	4.37	5.27	6.63	4.82	6.60	5.40	3.91	3.87	2.19	3.58	2.37	4.30	6.05	5.52	3.16	4.47	2.35	2.37	1.41	2.54	8.65	2.84	5.49	4.04	53.18	49.02	33.6
341	OLINGER	H-1	TVA	1400	14	3.56	4.90	6.13	4.40	6.27	4.88	4.23	3.60	3.61	3.86	3.50	4.59	5.39	5.48	2.75	4.94	2.42	2.58	1.31	2.31	8.25	3.05	5.81	3.61	53.23	48.20	29.2
344	HIGH KNOB (R)	H-1	TVA	4150	14	3.14	5.31	3.32	4.46	5.37	5.27	4.47	4.11	2.88	3.84	2.97	5.33	6.76	7.02	3.67	6.45	3.23	3.28	1.62	2.79	6.33	3.08	4.15	3.36	47.91	54.30	---
342	DUNBAR, VIRGINIA	H-1	TVA	2000	14	3.52	4.64	6.23	4.28	6.19	4.79	3.96	3.92	3.46	3.88	3.01	4.69	3.78	5.92	3.01	5.17	3.06	2.71	1.77	2.49	7.25	3.18	5.18	3.41	50.42	49.08	26.6
327	WHITE HOLLOW (R)	G-2	TVA	1500	14	4.29	4.73	8.39	4.62	5.07	4.38	2.07	3.15	2.20	3.16	3.75	3.15	2.97	4.43	1.70	3.18	1.10	2.11	1.32	2.07	10.02	3.49	5.07	3.68	47.95	42.15	---
563	WALKERS FORD	G-2	TVA	1040	8	4.26	4.22	8.12	4.93	5.17	4.53	2.31	2.92	#1.91	3.32	3.93	3.06	5.88	5.17	----	----	0.83	2.64	1.62	2.44	9.91	3.95	4.40	3.89	-----		---
335	TAZEWELL, TENN. (NEAR)	G-2	TVA	1250	43	4.32	4.72	8.00	4.53	5.03	5.01	2.26	4.05	2.56	3.87	5.20	4.07	4.37	4.62	2.38	4.70	1.66	2.97	1.48	2.74	9.81	3.06	4.85	4.61	51.92	48.95	23.7
336	BIG SYCAMORE (R)	H-2	TVA	2300	14	3.94	4.55	5.93	4.31	5.06	4.60	2.04	3.23	2.95	3.35	2.96	3.68	4.73	5.04	2.28	4.02	2.08	1.93	0.81	1.86	8.10	2.81	4.85	3.44	45.73	42.82	---
673	THORN HILL	G-2	TVA	1430	2	3.79		7.83		5.31		2.20		1.83		4.32		3.79		4.17		2.53		1.06		10.01		4.94		51.78		23.3
348	CLINCHPORT	H-1	TVA	1260	52	3.27	4.12	6.24	4.03	6.93	4.79	3.44	3.53	4.50	3.59	4.65	4.24	5.53	4.87	3.20	4.49	2.80	2.94	1.60	2.45	7.70	2.79	5.47	4.15	55.33	45.99	23.7
349	DUNGANNON	J-1	TVA	2500	14	3.26	4.33	4.61	3.91	5.69	4.17	2.77	3.11	2.59	2.67	3.50	4.10	3.14	5.74	3.53	4.44	2.51	2.70	1.33	2.25	7.31	2.67	4.85	3.25	45.09	43.34	22.3
350	DANTE	J-1	USWB	1765	32	----	3.94	----	3.42	----	4.84	----	4.14	----	5.24	----	4.96	4.80	5.44	4.65	4.94	2.28	3.98	1.83	3.04	5.62	2.97	5.53	3.91	-----	50.82	---
351	CLEVELAND, VIRGINIA	J-1	TVA	1540	14	2.42	3.78	4.54	3.58	4.77	4.02	3.26	3.13	2.89	3.24	8.39	4.70	4.24	5.83	4.16	5.87	2.28	2.92	1.45	2.48	4.80	2.77	4.93	3.01	48.13	45.33	19.2
352	HONAKER (NEAR)	J-1	TVA	2150	14	----	----	----	----	5.26	3.97	4.97	3.28	2.52	3.40	6.58	4.80	4.31	5.44	6.84	5.10	3.06	3.15	1.26	2.91	4.45	2.79	5.00	3.02	-----		---
614	HONAKER (R)	J-1	TVA	1950	6	3.12	3.69	4.63	3.98	4.07	3.76	4.35	2.92	2.42	3.68	#5.17	4.04	INACTIVE JUNE 25 TO NOVEMBER 9, 1948								----	----	4.68	3.30	-----		---
355	SPRING CREEK (R)	K-1	TVA	3150	14	1.71	2.83	2.85	2.46	3.75	2.70	2.15	1.94	1.81	3.05	4.57	3.80	2.51	4.91	4.75	4.16	1.10	2.91	1.50	2.06	2.73	1.58	3.60	2.06	33.03	34.46	---
353	SWORDS CREEK	J-1	TVA	1900	14	1.66	3.59	4.25	3.46	4.75	3.92	3.57	3.32	2.50	3.73	6.10	4.12	4.52	5.64	5.71	4.78	3.30	2.85	1.30	2.47	4.22	2.28	4.63	2.75	46.51	42.91	37.0
356	JEWELL RIDGE	K-1	TVA	2750	14	2.84	3.60	4.21	3.48	4.86	3.89	3.92	3.16	2.30	3.49	6.44	4.90	1.62	5.28	3.74	4.56	2.10	2.68	1.33	2.74	4.13	2.64	4.87	2.76	42.36	43.18	45.0
357	TAZEWELL, VIRGINIA	K-1	TVA	2450	14	2.83	3.34	3.93	3.22	5.27	3.66	4.54	2.84	2.94	3.63	5.90	3.97	2.75	4.82	7.41	3.82	1.46	3.04	2.59	2.37	4.67	2.14	5.57	2.82	49.86	39.67	30.7
	HOLSTON RIVER																															
395	STRAWBERRY PLAINS	G-2	TVA	910	11	3.43	4.02	8.37	5.28	5.39	4.33	2.14	3.16	2.40	3.65	3.95	3.32	4.35	4.67	0.82	2.99	0.51	2.80	1.15	1.94	8.24	3.30	6.94	3.86	47.69	43.32	17.9
289	JOPPA	G-2	TVA	980	14	4.31	5.33	7.74	4.88	5.53	5.02	2.10	4.10	1.86	3.42	3.73	3.27	5.64	4.41	2.06	4.08	0.86	2.38	1.70	2.29	12.14	3.49	#5.08	3.66	#52.75	46.33	14.8
489	CHEROKEE DAM	G-2	TVA	1000	8	3.60	4.20	8.12	5.08	5.09	4.24	2.68	2.83	2.13	3.41	2.17	3.13	6.01	5.08	1.48	4.03	0.82	2.84	1.11	2.14	9.51	3.49	5.90	3.96	48.62	44.43	---
486	JEFFERSON CITY (NEAR) (R)	G-2	USWB	1200	28	3.19	4.12	6.54	4.12	4.70	4.23	1.97	3.55	1.93	3.48	4.11	3.72	4.11	4.88	1.77	4.19	0.61	2.40	1.03	2.68	9.30	2.65	5.20	4.27	44.46	44.29	---
579	JEFFERSON CITY EVAP. STATION	G-2	TVA	1200	7	3.50	4.43	7.35	5.65	#5.54	4.34	2.33	2.81	2.51	3.90	3.54	2.80	4.94	4.78	1.78	4.29	0.61	3.34	1.19	2.09	9.67	3.66	5.82	4.49	#48.78	46.58	---
290	MORRISTOWN (NEAR)	H-2	TVA	1325	14	3.70	5.06	7.82	5.02	5.20	5.06	2.38	3.55	1.88	3.44	3.23	3.57	5.42	5.87	1.76	4.54	1.70	2.91	1.04	2.30	9.34	3.61	5.42	3.97	48.89	48.90	16.5
346	FLAT GAP	H-2	TVA	2000	13	4.67	4.99	7.47	4.72	5.66	4.43	2.64	3.39	3.50	2.97	3.35	3.30	3.67	5.02	2.57	4.28	3.13	2.57	1.17	2.19	9.33	3.23	5.28	3.77	52.44	44.86	13.2
291	ROGERSVILLE	H-2	TVA	1090	65	3.68	3.86	6.72	3.71	4.77	4.58	2.49	3.57	2.51	3.74	3.29	4.17	7.04	4.65	4.09	3.99	3.60	2.83	1.28	2.63	8.33	2.59	5.18	4.22	52.98	44.54	19.0
347	LITTLE WAR GAP	H-2	TVA	2000	14	4.07	4.71	7.02	4.36	5.35	4.95	3.60	3.61	2.38	3.02	3.79	3.61	5.96	5.58	2.28	3.98	3.54	2.77	0.99	2.23	8.31	3.04	5.24	3.69	52.53	45.55	25.7
516	STANLEY KNOBS (R)	H-2	TVA	1250	8	2.56	3.51	3.19	4.15	3.90	4.00	3.64	2.85	1.63	3.10	2.68	3.57	2.91	4.62	2.38	4.07	1.30	2.35	1.10	2.05	----	----	5.86	3.82	-----		---
314	BIG KNOB (R)	J-1	TVA	3150	14	2.47	3.92	5.55	3.65	4.86	3.74	2.51	2.86	2.88	2.67	3.32	2.59	3.46	4.74	2.30	3.34	2.67	2.66	1.18	2.21	6.30	2.51	4.66	3.05	42.16	37.94	---
315	MENDOTA	J-1	TVA	1350	44	2.87	4.38	4.70	3.66	4.98	4.66	2.72	3.90	2.96	4.09	5.42	4.40	4.42	5.12	6.10	4.23	2.91	3.09	1.86	3.05	6.20	2.68	4.97	3.93	50.11	47.19	22.6
316	HOLSTON	J-1	TVA	3450	14	2.52	3.66	3.98	3.72	4.65	3.67	2.31	2.81	3.75	3.17	5.61	3.73	5.05	4.91	4.78	4.10	1.41	2.47	1.59	2.78	4.60	2.51	#3.74	2.97	43.99	40.50	25.5
318	SALTVILLE	K-1	USWB	1735	27	3.06	3.72	4.61	3.72	5.40	4.41	3.03	3.68	3.49	3.89	4.02	5.09	6.49	4.72	7.17	4.25	1.63	3.24	1.65	3.08	4.88	2.52	4.77	4.29	50.20	46.61	30.1
318a	SALTVILLE	K-1	TVA	1725	8	2.47	3.46	3.69	3.14	4.53	3.54	2.57	2.31	3.25	4.02	3.70	3.90	5.52	4.26	6.37	4.96	1.44	3.16	1.57	2.19	4.24	2.41	4.54	3.35	43.89	40.70	18.7

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1948 PRECIPITATION—In Inches

Sta. No	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	HOLSTON RIVER (CONT'D)																															
320	BURKES GARDEN	K-1	USWB	3075	53	3.40	3.61	4.43	3.44	4.83	4.58	2.80	3.76	3.48	4.29	5.25	4.83	4.20	4.40	5.92	4.42	1.45	3.42	2.01	3.21	5.37	2.76	3.88	3.75	47.02	46.47	52.0
535	KINGSPORT RESERVOIR	J-2	TVA	1870	8	3.19	3.84	5.32	4.27	4.69	4.04	3.23	2.65	1.95	2.62	4.52	3.74	4.04	4.21	3.30	4.02	2.91	3.26	1.35	2.00	7.39	3.32	5.35	3.84	47.24	41.81	26.4
291	KINGSPORT	J-2	USWB	1270	27	2.70	3.65	4.88	3.80	4.22	3.81	4.17	3.47	2.03	4.09	4.10	3.83	5.45	5.10	4.18	4.29	2.88	2.72	1.52	2.62	6.90	2.45	5.33	3.96	48.36	43.79	20.7
370	TRI-CITY AIRPORT (R)	J-2	USWB	1545	10	3.06	3.65	4.33	3.80	4.20	3.81	3.88	3.47	2.47	4.09	3.78	3.83	6.38	5.10	5.34	4.29	3.16	2.72	1.89	2.62	5.90	2.45	5.17	3.96	49.56	43.79	---
688a	NORTH BRISTOL SUBSTA., VIRGINIA	J-2	TVA	1740	1	ESTABLISHED JUNE 21, 1948												8.49		5.70		1.58		1.74		5.24		5.39		-----		---
495	BRISTOL, TENNESSEE	J-2	TVA	1750	30	3.92	2.95	5.27	3.52	5.41	4.19	2.81	2.92	3.78	3.45	5.37	4.26	8.65	5.14	5.67	3.81	1.35	2.67	DISCONTINUED SEPT. 30, 1948						-----		---
495a	BRISTOL, VIRGINIA	J-2	USWB	1800	15	PUBLICATION OF DATA BEGAN JULY 1, 1948												8.04	5.69	5.43	4.19	1.59	2.28	1.46	1.94	4.69	2.72	6.59	3.27	-----		---
688	BRISTOL (NEAR), VIRGINIA	J-2	TVA	1920	1	ESTABLISHED JUNE 4, 1948												8.22		5.27		1.46		----		4.67		5.50		-----		---
30	WALLACE (NEAR)	J-1	TVA	1885	13	2.96	4.06	4.04	3.46	4.61	3.18	1.90	2.46	5.02	3.01	4.79	3.64	5.01	4.87	4.87	4.11	1.00	2.99	1.10	2.22	#4.94	2.40	5.17	2.82	#45.41	39.22	20.2
306	BLUFF CITY	J-2	TVA	1480	52	2.85	3.65	4.56	3.64	3.91	4.36	3.21	3.32	2.84	3.71	4.87	4.08	8.00	5.53	3.55	4.41	1.56	2.95	1.69	2.57	5.20	2.46	5.78	3.54	48.02	44.22	21.7
597	SOUTH HOLSTON DAM	J-2	TVA	1525	3	----		#4.28		4.27		2.86		2.48		4.72		7.39		5.07		1.02		1.73		4.43		6.02		-----		---
308	CRANDULL	J-2	TVA	3405	14	4.38	4.48	5.31	4.19	4.99	4.35	3.96	3.61	4.53	4.67	4.77	4.52	6.54	6.43	4.83	4.99	1.81	3.70	1.43	2.85	5.73	3.01	7.23	3.66	55.51	50.46	38.3
616	MCQUEENS KNOB (R)	J-2	TVA	3885	6	3.29	3.95	5.06	4.34	4.19	3.76	3.40	3.28	2.71	3.82	5.20	4.35	7.86	5.02	7.32	4.49	0.78	3.97	1.83	2.32	4.33	2.98	5.61	3.57	51.58	45.85	---
604	ABINGDON	J-1	TVA	2000	7	3.26	3.96	5.02	4.28	5.02	4.03	2.01	2.90	2.85	4.09	4.80	3.34	8.38	4.50	4.44	5.12	1.46	3.26	1.91	2.42	4.80	2.85	5.63	3.57	49.58	44.32	28.5
492	MEADOWVIEW	J-1	TVA	1910	8	2.53	3.26	3.43	3.38	4.87	3.71	2.12	2.28	3.73	3.88	5.32	4.31	5.99	4.56	4.51	4.40	1.45	2.65	1.61	1.83	4.76	2.43	4.95	3.02	45.27	39.71	20.7
317	EMORY	J-1	USWB	2205	24	2.88	3.89	3.90	3.59	4.16	4.68	1.66	3.61	3.51	3.98	5.29	3.86	5.59	4.60	4.88	5.21	2.17	2.68	1.05	2.68	4.73	2.30	5.34	3.33	45.16	44.41	23.7
312	MARION	K-1	TVA	2200	42	2.26	3.26	3.49	3.42	4.03	3.81	3.43	3.07	3.31	3.90	5.01	4.77	5.02	4.73	8.09	4.45	1.03	2.87	1.49	2.47	4.74	2.36	5.19	2.91	47.09	42.02	24.0
615	GROSECLOSE (R)	K-1	TVA	2520	6	2.93	3.48	3.20	3.47	3.88	3.65	3.94	2.91	3.17	4.56	3.86	3.23	3.53	4.08	6.30	4.50	1.17	3.89	1.67	2.44	4.60	2.84	4.59	3.23	42.84	42.28	---
311	WYTHEVILLE	K-1	USWB	2299	75	2.43	3.08	1.99	2.99	3.92	3.44	3.23	2.99	3.27	3.66	3.34	4.20	3.35	4.00	5.67	4.19	2.12	3.30	1.89	2.84	4.30	2.14	4.67	2.92	40.18	39.75	---
309	DAMASCUS	K-1	USWB	1950	22	3.99	3.37	4.03	3.66	4.56	3.92	3.08	3.35	5.19	4.32	6.59	4.07	8.72	5.72	5.32	4.46	1.37	3.32	1.62	2.37	5.03	2.42	5.50	2.95	55.00	43.93	29.4
675	WHITETOP MOUNTAIN	K-1	TVA	5470	2	1.96		4.26		3.38		4.40		4.34		6.01		8.10		7.22		3.04		1.32		6.41		5.82		56.26		40.0
310	LOVES MILL	K-1	TVA	2060	14	3.00	3.81	3.11	3.24	4.42	3.47	2.77	2.82	4.16	3.99	5.21	3.97	4.56	5.18	6.51	4.74	1.27	2.96	1.63	2.29	4.74	2.32	4.90	2.83	46.28	41.62	21.0
311	TROUT DALE (R)	K-1	USWB	3120	14	3.28	3.96	3.15	3.78	4.17	4.24	2.88	3.38	2.74	4.27	3.52	4.11	----	----	5.95	5.10	2.75	3.70	1.48	2.68	6.30	2.98	5.27	3.22	-----		---
408	SUGAR GROVE	K-1	USFS	2680	9	2.79	3.17	2.96	3.24	4.19	3.49	2.79	2.78	2.36	3.90	4.39	3.99	4.16	5.10	5.64	4.82	2.46	2.76	1.07	2.00	5.05	2.36	4.12	2.85	41.98	40.46	---
294	CEDAR CREEK	J-2	TVA	1750	14	2.94	4.10	5.13	3.90	3.69	4.28	2.97	3.00	2.52	3.10	4.95	3.57	5.60	5.60	4.75	3.54	1.97	3.11	1.79	2.42	6.16	2.73	6.11	3.33	48.58	42.68	18.5
689	JOHNSON CITY SUBSTA.	J-2	TVA	1580	1	ESTABLISHED JUNE 21, 1948												6.92		4.77		1.41		1.77		4.52		6.29		-----		---
416	JOHNSON CITY VET. HOSP.	J-2	TVA	1730	31	2.99	3.43	5.29	3.46	4.02	4.10	3.00	3.18	3.35	3.85	6.03	4.11	6.58	4.97	5.09	4.29	1.39	2.85	1.99	2.53	5.86	2.50	5.90	3.46	51.49	42.73	22.6
295	ELIZABETHTON NO. 2	J-2	TVA	1512	57	3.08	3.41	4.47	3.33	3.70	4.24	3.70	3.30	2.49	4.15	3.60	4.91	7.54	5.24	4.18	4.46	1.45	2.93	1.94	2.56	5.02	2.23	5.77	3.34	46.94	44.10	17.3
225	STONE MOUNTAIN	J-2	TVA	2590	14	2.73	4.77	4.68	4.70	4.56	5.09	4.61	3.69	2.11	3.82	4.65	4.54	5.03	6.94	3.79	4.42	2.21	3.24	1.04	2.73	5.37	3.28	5.67	3.41	46.45	50.63	13.7
686	HAMPTON	J-2	TVA	1825	1	ESTABLISHED MAY 6, 1948										4.21		4.53		3.81		0.88		1.02		4.04		4.50		-----		---
296	WILBUR DAM	J-2	TVA	1630	21	3.59	3.95	5.15	3.86	3.81	4.85	4.07	3.80	3.64	4.70	3.81	4.34	7.14	6.44	5.24	4.42	1.93	3.09	1.43	2.69	4.59	2.68	6.38	3.34	50.78	48.16	23.0
596	WATAUGA DAM	J-2	TVA	1760	2	3.40		4.66		4.00		3.50		3.17		4.49		7.40		5.07		1.60		1.44		5.27		6.56		50.56		---
297	COLESVILLE	J-2	TVA	2140	14	2.54	3.95	3.96	4.01	3.09	3.75	2.10	2.55	2.39	3.48	2.79	4.01	4.83	5.17	3.17	4.57	1.65	3.40	1.88	2.38	6.17	2.93	5.44	3.37	40.01	43.57	19.7
491	BUTLER (R)	J-2	TVA	2070	8	2.36	3.45	4.37	3.11	3.74	3.60	3.69	2.63	3.10	3.72	4.69	4.21	6.26	6.25	5.62	3.69	1.07	3.12	1.01	1.92	4.31	2.72	5.65	3.25	45.87	41.67	---
645	MAYMEAD	K-2	TVA	2250	5	2.76		4.59		4.62		4.50		3.14		3.70		5.81		5.84		1.29		1.23		4.71		5.16		47.35		17.0
609	TRADE	K-2	TVA	3530	7	3.05		3.86		3.50		5.29		2.28		4.78		4.50		4.14		3.33		1.01		6.17		4.87		46.78		33.4
301	MOUNTAIN CITY	K-2	TVA	2410	40	2.59	3.76	3.85	3.54	4.95	4.30	2.73	3.48	3.08	4.05	4.26	4.64	6.36	5.88	8.42	4.95	1.31	3.07	1.08	2.64	4.70	2.31	4.57	3.33	47.90	45.95	22.7
304	PARKER	K-2	USWB	3950	31	3.30	4.20	4.47	3.50	4.73	4.60	3.94	3.90	2.24	3.90	4.43	5.90	6.75	5.20	5.91	5.80	3.27	3.60	1.00	3.30	6.07	2.20	5.36	3.60	51.47	49.70	40.7
305	JEFFERSON	K-2	USWB	2900	43	2.50	3.20	----	3.40	4.03	4.20	3.63	3.80	3.24	4.40	4.15	5.00	5.82	4.90	4.61	5.20	4.54	4.20	1.25	3.90	8.15	2.60	4.73	4.20	-----	49.00	---
298	ODOMVILLE	J-2	TVA	2760	14	2.99	3.82	3.88	3.84	3.54	3.98	4.49	3.11	2.56	3.88	6.28	4.62	4.95	6.86	5.74	4.44	1.84	3.36	0.98	2.65	5.89	2.96	5.09	2.99	48.23	46.51	20.5
299	BANNER ELK	J-2	USWB	3720	41	2.56	3.72	4.05	3.78	5.73	5.33	3.58	4.24	2.25	4.85	7.07	5.37	4.98	6.26	4.50	5.85	4.96	4.43	1.17	4.91	8.84	2.60	4.57	4.59	54.26	55.93	23.5
300	REESE	J-2	TVA	3320	14	3.21	3.80	4.12	3.92	3.83	4.01	5.42	3.32	2.46	4.31	4.42	4.12	5.74	6.40	5.21	4.57	1.99	3.43	1.20	2.95	5.46	3.01	4.94	3.06	48.00	46.90	23.3
607	MAST	K-2	TVA	2670	7	2.15		3.36		3.62		3.75		2.13		5.18		4.45		4.82		3.60		0.73		6.12		4.03		43.94		22.8
302	SNAKE MOUNTAIN (R)	K-2	TVA	5575	14	2.00	2.53	2.81	2.09	#2.78	2.27	4.93	2.53	2.05	3.33	4.09	3.77	4.40	5.79	4.50	4.36	3.25	3.20	0.70	2.49	4.14	2.38	2.65	1.76	#38.30	36.50	---
303	BOONE	K-2	USWB	3332	20	2.22	3.64	3.88	3.15	5.48	5.03	3.83	4.40	3.38	4.59	5.36	5.93	8.07	6.05	8.63	6.18	8.42	4.23	1.40	6.02	11.79	2.94	4.45	5.24	66.91	57.40	24.0
632	BLOWING ROCK	K-2	USWB	3600	5	----		4.65		6.80		3.91		3.60		4.87		6.55		7.52		10.45		1.50		14.80		4.40		-----		---
	HIWASSEE RIVER BELOW HIWASSEE DAM																															
93	BIG SPRING	F-3	TVA	700	14	3.91	5.92	8.65	5.57	7.03	5.21	3.29	4.73	1.95	3.75	3.95	4.04	3.81	5.03	2.37	4.32	3.25	2.78	3.14	2.88	14.81	4.05	6.16	4.74	62.32	53.02	6.8
429	CLEVELAND SUBSTA.	F-4	TVA	880	9	3.71	5.08	9.17	5.61	7.35	5.63	3.94	3.85	3.99	4.08	3.85	3.50	3.41	4.13	3.16	3.30	3.26	3.00	6.53	3.09	15.10	4.42	5.46	5.20	68.93	50.89	4.0
98	CHARLESTON	F-4	TVA	720	57	3.49	4.95	7.74	5.02	8.41	5.75	3.49	4.61	3.91	3.94	3.38	4.65	2.59	4.65	1.29	3.96	3.16	2.89	3.46	2.99	14.37	3.52	6.31	4.99	61.60	51.92	---
428	ATHENS SUBSTA.	F-3	TVA	940	9	4.46	5.23	8.42	5.26	7.60	5.39	3.04	3.81	3.87	4.01	2.45	3.39	4.78	5.00	1.52	4.47	2.63	3.41	3.92	3.03	13.72	4.12	5.75	4.82	62.16	51.94	8.1
C17	NEW BETHEL (R)	F-3	TVA	900	4	3.55		6.90		5.40		2.60		2.42		1.01		1.94		3.35		2.77		2.28		12.09		5.75		50.06		---
C19	DOUBLE SPRINGS (R)	F-3	TVA	820	4	4.36		7.84		7.60		3.61		2.78		2.24		2.98		2.70		2.94		3.09		13.77		5.89		59.80		---
C11	ENGLEWOOD	F-3	TVA	820	5	3.95		7.66		6.69		2.52		2.72		0.87		3.12		4.19		2.17		4.07		12.62		5.06		55.64		---
C5	HICKORY GROVE (R)	F-3	TVA	1040	5	4.54		7.35		5.14		2.95		3.20		3.24		8.26		2.97		2.25		2.18		12.46		5.69		60.23		---
C7	GUDGER (R)	F-3	TVA	930	5	4.21		7.65		5.89		2.36		2.49		1.62		8.14		2.93		2.10		1.83		13.13		5.79		58.14		---
99	PARKSVILLE DAM	F-4	TVA	750	24	3.73	4.73	8.78	4.75	7.69	5.56	3.20	4.28	3.25	4.05	2.22	4.93	3.85	4.86	3.27	3.87	3.40	2.91	1.54	2.68	12.47	3.37	5.39	4.63	58.79	50.62	---
627	CONASAUGA (NEAR) (R)	F-4	USWB	775	5	3.27		7.91		7.53		3.01		4.18		1.37		#3.14		1.80		4.14		1.55		13.56		4.37		#55.83		---
100	OCOEE NO. 2 POWERHOUSE	F-4	TVA	860	34	4.48	4.88	8.69	4.68	6.16	5.61	3.51	4.35	2.97	4.06	2.24	4.14	5.18	5.30	3.67	4.20	3.73	3.09	1.32	3.01	12.35	3.76	5.88	4.80	60.18	51.88	5.0
101	SASSAFRAS KNOB (R)	F-4	TVA	3300	14	4.16	6.27	8.34	5.86	7.45	5.94	3.87	4.94	3.39	4.09	3.92	4.14	6.51	5.98	2.13	4.55	2.71	2.90	1.04	2.86	15.55	4.44	5.65	5.08	64.72	57.05	---
690	DOUBLE SPRINGS GAP (R)	F-4	USWB	1000	1	PUBLICATION OF DATA BEGAN SEPTEMBER 1, 1948																3.11		1.00		11.32		4.52		-----		---
502	BOYD GAP (R)	F-4	TVA	1520	8	3.96	5.45	7.95	5.88	7.08	6.37	3.43	3.29	3.37	3.82	2.13	4.63	5.72	5.58	2.31	4.19	2.08	2.66	0.66	2.25	13.30	4.22	4.93	5.25	56.92	53.59	---
501a	DUCKTOWN (R)	F-4	TVA	1600	9	3.75	4.73	7.51	4.97	6.93	5.53	3.49	3.26	3.23	3.75	2.15	4.66	5.70	5.01	3.11	3.79	1.76	2.61	0.87	2.22	12.70	3.91	5.20	4.64	56.40	49.08	---
106	ISABELLA (R)	F-4	TVA	1780	14	3.42	5.52	7.72	5.02	6.75	5.77	3.10	4.24	2.43	3.66	2.95	4.07	7.09	5.71	2.56	3.76	2.19	2.54	0.90	2.45	12.73	3.60	5.58	4.36	57.42	50.70	---
107	COPPERHILL	F-4	USWB	1624	35	4.17	5.28	7.74	4.70	9.08	5.28	3.37	4.95	3.18	4.09	2.20	4.22	5.74	5.22	3.69	4.34	2.10	3.41	1.12	2.90	14.93	3.22	5.54	5.96	62.86	53.57	8.0

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1948 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs.of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	HIWASSEE RIVER BELOW HIWASSEE DAM (CONT'D)																															
431	COPPERHILL NO. 2 SUBSTA.	F-4	TVA	1600	13	3.92	6.15	7.64	5.60	8.34	6.13	3.34	4.51	3.48	3.65	2.33	4.47	5.65	6.14	4.15	4.42	2.24	2.90	1.00	2.38	14.39	3.72	5.37	5.08	61.85	55.15	7.5
109	FLAT TOP (R)	F-4	TVA	3650	14	4.97	9.30	11.81	8.76	11.16	8.54	4.49	6.65	4.00	5.40	3.48	5.76	12.34	8.40	4.74	5.84	3.53	3.77	2.24	3.52	21.02	6.65	7.93	7.60	91.71	80.19	---
110	BLUE RIDGE DAM	F-4	TVA	1560	28	4.37	5.64	8.47	5.31	7.51	5.99	3.42	5.03	3.42	4.53	3.53	4.19	5.47	5.37	5.02	4.15	1.75	2.77	1.45	2.56	13.62	3.81	5.56	6.14	63.59	55.49	---
111	STANLEY GAP (R)	F-4	TVA	2300	14	4.72	6.98	9.23	6.45	7.83	6.46	2.35	5.32	3.65	3.99	1.98	4.04	6.77	5.77	5.74	4.82	2.61	2.59	1.10	2.50	15.07	4.67	5.28	5.45	66.33	59.04	---
112	NOONTOOTLA CREEK	F-4	TVA	2050	14	4.00	6.48	10.65	6.63	9.04	6.93	2.88	5.32	3.44	4.44	3.73	4.34	7.26	6.07	6.63	5.38	2.33	2.89	1.45	2.96	14.50	4.11	6.00	5.09	71.91	60.64	6.0
633	DIAL POST OFFICE	F-4	TVA	1900	6	3.87		9.26		8.82		3.00		5.35		4.56		7.24		4.73		3.08		1.57		13.17		5.85		70.50		5.5
115	SUCHES	G-4	TVA	2800	14	4.62	7.62	9.56	7.44	11.95	7.91	1.98	6.20	5.42	5.31	6.48	4.97	11.10	6.97	11.74	6.87	3.29	4.00	1.98	4.16	18.29	6.18	6.77	6.54	93.18	74.17	7.7
120	COKER CREEK	F-4	TVA	1650	14	4.42	5.96	8.01	5.66	6.58	6.08	4.48	4.67	3.46	4.18	3.08	4.20	4.67	5.52	4.00	4.36	2.51	2.56	1.53	2.43	13.60	4.05	6.60	4.59	62.94	54.26	7.7
638	APALACHIA POWERHOUSE	F-4	TVA	880	5	4.27	6.37	8.17	7.59	6.12	5.47	4.35	4.50	3.77	5.03	3.02	3.61	7.11	5.17	2.85	2.89	2.28	3.12	1.54	2.54	11.59	5.14	6.35	4.56	61.42	55.99	---
575	FARNER	F-4	TVA	1550	7	4.65	5.67	7.92	6.49	7.35	6.30	3.88	3.98	2.68	4.95	3.42	4.00	7.81	6.20	2.35	3.38	3.07	3.34	1.47	2.82	12.75	4.64	6.83	5.62	64.18	57.39	7.5
121	TURTLETOWN	F-4	TVA	1600	14	4.07	6.02	8.52	6.01	8.12	6.39	4.26	4.63	3.13	3.96	3.99	4.28	7.38	5.79	3.21	4.12	3.20	2.65	1.57	2.73	13.98	3.98	6.77	4.75	68.20	55.31	10.3
575a	APALACHIA DAM (R)	F-4	TVA	1176	7	3.93	5.48	7.62	6.53	6.90	6.54	3.53	3.73	2.53	4.66	4.88	3.73	6.78	6.28	5.22	4.46	3.13	4.07	1.30	2.59	12.38	4.64	6.73	5.50	64.93	58.21	---
	HIWASSEE RIVER ABOVE HIWASSEE DAM																															
125	HIWASSEE DAM (R)	G-4	TVA	1500	11	4.15	5.17	7.08	5.64	8.13	5.98	3.73	4.17	3.89	4.06	3.52	4.51	7.20	5.56	4.15	3.65	2.38	2.48	1.05	2.02	12.51	3.68	6.14	4.58	63.93	51.50	---
125a	HIWASSEE DAM NO. 2	G-4	TVA	1310	9	4.20	5.36	6.94	5.73	7.61	6.32	4.02	3.74	3.68	4.19	3.87	3.96	7.37	5.44	5.06	3.84	2.24	2.87	1.08	2.22	12.04	3.95	5.91	5.01	64.02	52.63	---
126	BEAVERDAM CREEK	G-4	TVA	2100	14	5.40	7.28	9.01	6.64	9.60	7.48	4.82	5.55	3.56	4.74	4.76	4.92	9.97	7.34	6.58	5.90	2.94	3.38	1.58	3.17	12.77	4.69	8.73	5.97	79.72	67.06	8.0
127	LETITIA	G-4	TVA	1800	11	4.74	5.55	8.75	6.15	9.14	6.41	3.37	4.37	3.67	4.28	5.45	4.80	6.99	5.96	3.37	4.39	2.25	2.72	1.51	2.42	13.75	4.08	6.97	5.06	69.96	56.19	6.5
129	SWEET GUM (R)	F-4	TVA	1800	14	4.35	5.94	7.48	5.54	7.61	5.74	3.48	4.87	2.97	3.43	3.67	4.13	5.75	5.04	3.66	4.16	2.03	2.51	1.66	2.14	12.49	3.65	5.75	4.59	60.90	51.74	---
573	NOTTELY DAM	G-4	TVA	1740	7	#3.94	5.51	#7.69	6.04	6.71	6.04	3.71	3.53	4.68	4.56	5.34	3.60	6.60	4.51	4.82	3.98	2.26	2.73	1.33	2.24	11.20	3.80	6.02	5.02	#64.30	51.56	4.2
131	HEMPTOWN GAP	G-4	TVA	2100	14	3.91	5.61	7.95	5.50	6.75	5.66	3.35	4.56	5.15	3.96	3.95	3.67	6.97	5.73	5.73	4.65	2.54	2.50	1.36	2.44	11.30	3.50	5.87	4.12	64.83	51.90	6.2
133a	BLAIRSVILLE NO. 2	G-4	TVA	1825	16	3.25		7.33		8.71		1.99		4.71		3.86		6.93		4.47		2.85		1.18		13.56		5.22		64.06		5.0
133	BLAIRSVILLE	G-4	USWB	1938	16	3.40	5.82	7.21	5.48	8.69	5.38	1.99	4.01	4.57	4.19	4.08	3.77	7.29	5.19	4.32	4.51	DISCONTINUED AUGUST 27, 1948								-----		---
570	CHOESTOE	G-4	TVA	1900	7	4.12	6.24	7.80	6.59	10.46	7.61	1.60	4.13	4.26	4.86	4.21	3.82	6.57	4.42	4.28	3.83	2.98	3.79	0.99	2.92	12.21	4.88	4.97	4.43	64.45	57.52	5.2
135	NEEL GAP (R)	G-4	TVA	3300	14	3.15	7.15	7.49	6.53	8.66	6.69	1.67	5.25	4.32	4.18	5.97	4.32	8.36	6.01	7.04	7.05	3.70	3.95	1.76	3.67	15.52	5.12	5.33	5.73	72.97	65.65	---
136	MURPHY EVAPORATION STATION (R)	G-4	TVA	1575	74	4.63	5.58	7.90	5.63	8.05	6.27	2.98	4.76	2.27	4.04	5.06	4.99	6.07	5.68	3.93	5.12	1.98	3.18	1.86	3.03	13.18	3.79	6.24	5.26	64.15	57.33	---
138	TOMOTLA	G-4	TVA	1575	13	5.07	6.49	7.96	6.26	8.23	6.14	4.24	4.96	2.65	3.98	6.39	4.18	4.96	7.06	4.72	4.95	2.37	2.90	1.81	2.52	13.68	3.74	6.15	4.97	68.23	58.15	5.5
140	HYATT CREEK	G-4	TVA	2450	14	4.96	7.46	7.47	7.39	8.17	7.93	3.92	5.82	2.68	5.34	5.11	5.40	9.67	7.63	3.55	6.31	2.44	3.44	1.09	3.73	15.77	4.65	9.16	6.52	73.99	71.62	6.3
141	ANDREWS	G-4	USWB	1815	40	5.27	5.40	9.26	5.50	9.01	6.60	5.42	4.70	4.32	5.00	4.77	5.10	5.89	6.10	5.47	5.00	3.06	3.80	2.72	3.40	14.65	4.00	8.10	6.80	77.94	61.40	7.9
362	TEYAHALEE BALD (R)	0-4	TVA	4750	11	6.02	6.67	8.40	6.72	9.39	7.07	6.07	4.99	6.52	4.88	6.14	5.52	8.66	7.29	5.94	5.11	2.40	3.74	2.84	2.53	16.17	5.38	#8.47	5.76	#87.02	65.66	---
400	BRASSTOWN	G-4	USFS	1640	11	3.87	5.02	8.74	6.12	----	----	4.38	3.76	4.51	3.64	5.28	4.22	6.91	6.03	5.62	4.34	DISCONTINUED SEPTEMBER 20, 1948								-----		---
146	YOUNG HARRIS	G-4	TVA	1920	12	3.07		7.80		8.09		2.35		3.37		4.10		7.01		4.46		1.83		1.03		10.55		5.60		59.26		---
147	BRASSTOWN BALD (R)	G-4	TVA	4780	14	3.24	6.36	7.74	5.64	6.90	6.46	2.67	5.27	3.94	4.25	3.21	4.16	8.35	6.33	5.33	6.07	5.09	4.07	1.38	3.84	14.02	4.39	5.84	5.07	67.71	61.91	---
144	ANDREWS DAM	G-4	NP.CO.	1670	14	3.99	4.74	5.72	4.54	5.68	4.92	4.08	4.08	3.74	3.08	5.55	3.87	8.07	6.22	5.25	4.08	1.72	2.30	1.04	2.27	10.23	2.91	5.79	3.73	60.86	46.74	---
572	CHATUGE DAM	G-4	TVA	1930	7	3.59	5.64	7.66	6.09	6.14	5.91	2.88	3.64	3.06	4.49	3.90	3.27	6.13	4.94	3.41	3.39	2.21	3.45	1.15	2.39	12.04	3.90	6.11	4.75	58.28	51.86	---
152	GLADE GAP (R)	G-4	TVA	3800	14	4.01	6.57	8.84	6.26	7.46	6.45	3.14	4.84	3.29	4.25	4.32	4.41	5.64	7.21	5.56	5.75	3.07	3.36	1.44	3.12	11.97	4.11	7.90	5.17	66.64	61.50	---
153	LITTLE HIGHTOWER	G-4	TVA	2150	14	3.69	5.57	6.86	5.43	8.39	6.64	2.59	5.14	4.10	4.06	4.07	4.30	8.13	6.84	7.95	5.58	5.33	3.90	0.82	3.42	16.27	4.46	6.62	5.16	74.82	60.50	10.5
574	TITUS	G-4	TVA	2180	7	3.84	5.92	6.90	6.56	9.14	8.23	2.28	5.25	4.26	4.97	4.61	3.42	9.67	5.94	9.29	5.27	7.24	5.01	1.12	3.34	17.17	5.46	6.98	5.01	82.50	64.38	2.9
154	TRAY MOUNTAIN (R)	G-4	TVA	3900	14	4.25	7.41	8.56	6.45	10.38	7.34	2.04	5.90	4.70	4.87	3.23	4.19	13.06	7.50	5.75	8.02	6.05	4.98	1.58	4.36	19.50	5.48	6.03	6.09	85.13	72.59	---
	LITTLE TENNESSEE RIVER BELOW FONTANA DAM																															
171a	MCGHEE	G-3	TVA	810	1	4.17		7.63		6.22		2.80		2.61		3.14		8.46		1.33		1.80		1.74		11.46		5.76		57.12		7.8
171	MCGHEE	G-3	USWB	795	44	4.12	4.42	7.72	4.33	6.38	5.18	2.81	4.30	2.72	3.86	3.16	4.34	8.38	4.70	1.34	3.98	1.83	3.32	1.81	2.96	11.43	3.25	5.79	5.24	57.49	49.88	14.6
173	KITTIE	G-3	TVA	1000	14	4.67	5.56	6.80	5.03	5.22	5.20	2.35	4.06	4.51	4.03	1.68	2.88	4.96	4.48	5.25	4.29	2.00	2.36	1.91	2.49	10.72	3.72	6.74	4.06	56.81	48.16	11.9
174	TELLICO PLAINS	F-3	TVA	940	35	4.56	4.35	7.38	4.30	5.69	5.47	3.67	4.52	3.41	4.32	3.88	5.08	5.49	5.45	4.68	4.95	1.93	3.16	2.27	3.08	11.30	3.30	5.95	5.70	60.21	53.68	7.8
374	TELLICO RANGER STA.	F-3	USFS	1100	10	5.09	5.09	7.45	5.38	5.87	5.16	3.45	4.22	4.35	4.17	3.60	4.49	4.92	4.90	----	----	1.72	2.22	1.64	2.27	#10.99	3.75	6.14	4.08	-----		---
179	HAW KNOB (R)	G-3	TVA	4900	14	5.51	7.54	8.63	7.14	7.61	7.19	5.23	5.68	3.17	5.50	3.26	5.48	10.00	8.76	3.22	6.72	2.41	3.91	1.95	3.30	10.59	4.79	7.66	5.95	69.24	71.96	---
175	MINT	G-3	TVA	920	14	3.77	5.43	7.53	5.13	5.77	5.10	3.47	3.84	3.76	3.91	4.83	3.49	6.16	5.72	7.32	5.51	2.40	2.88	1.60	2.60	10.42	3.66	6.22	4.37	63.25	51.64	8.7
668	ABRAMS CREEK	G-3	USDI	1400	3	4.88		7.83		5.78		4.01		5.04		3.69		6.15		4.62		1.81		1.92		11.56		5.40		62.69		---
176	CALDERWOOD POWERHOUSE	G-3	ALCOA	950	18	4.51	4.75	7.31	5.12	5.17	5.34	4.09	4.31	6.13	4.35	3.44	3.84	5.73	5.60	4.10	5.38	1.71	2.53	2.06	2.82	9.90	2.98	6.08	4.20	60.23	51.22	---
178	CHEOAH DAM	G-3	ALCOA	1110	19	4.69	5.22	7.88	5.66	7.03	5.95	4.71	4.61	4.26	4.33	2.73	4.24	5.19	5.89	3.83	5.16	1.78	2.96	1.77	3.01	12.06	3.16	6.31	5.03	62.24	55.22	---
180	SANTEETLAH DAM	G-3	ALCOA	1950	18	#4.25	6.10	#8.12	5.94	8.71	6.03	4.06	4.48	3.08	3.88	3.72	3.66	4.73	5.30	4.13	4.94	1.86	2.45	0.52	2.54	12.30	3.71	7.54	5.65	#63.02	54.68	---
550	SANTEETLAH GAP	G-3	TVA	2650	8	5.54	7.57	9.16	7.48	9.71	6.87	5.69	4.32	4.55	5.00	7.38	5.27	5.83	6.73	5.46	4.67	2.20	4.09	1.86	2.86	15.85	5.39	7.90	6.62	81.13	66.87	---
660	TWENTYMILE	G-3	USDI	1310	3	4.99		8.17		7.25		4.87		4.30		4.37		5.27		5.39		1.68		1.62		16.55		6.36		70.82		---
592	FONTANA DAM	G-3	TVA	1312	7	4.21		7.67		7.37		4.12		2.78		3.76		6.12		4.45		1.47		1.40		11.95		7.00		62.30		---
	LITTLE TENNESSEE RIVER ABOVE FONTANA DAM																															
181	PROCTOR	G-3	TVA	1735	14	5.50	6.63	7.93	6.40	7.64	5.87	4.67	4.76	4.16	4.16	5.39	4.24	4.08	6.58	4.65	4.41	1.88	2.89	1.37	2.69	11.70	3.71	6.65	4.99	65.62	57.33	---
182	STECOAH	G-3	TVA	2350	14	5.19	6.93	7.68	6.30	8.77	6.13	5.03	4.88	4.42	4.09	5.97	4.38	3.81	6.43	4.25	4.24	2.61	3.02	1.83	2.58	11.61	3.83	7.23	4.99	68.40	57.80	9.8
183	NOLAND CREEK	G-3	TVA	2400	14	5.41	6.49	8.34	6.33	7.60	6.03	4.21	4.58	4.10	4.35	5.38	4.16	5.12	6.26	7.69	5.17	2.57	2.96	1.97	2.90	12.55	4.04	7.63	5.15	72.57	58.42	11.3
184	CLINGMANS DOME (R)	G-3	TVA	6400	13	7.29	9.09	9.35	8.28	9.59	7.84	5.45	6.43	7.06	6.22	8.56	5.85	9.93	8.81	7.76	8.92	5.28	4.86	2.03	4.29	18.11	6.24	8.43	6.82	98.84	83.65	---
185	BRYSON CITY	G-3	TVA	1860	61	4.42	5.00	6.45	5.19	6.43	5.83	4.19	4.11	4.23	4.18	#3.32	4.34	#5.46	5.49	5.63	4.81	1.88	3.21	1.40	2.79	10.94	3.28	6.57	4.95	#60.92	53.18	6.4
185a	BRYSON CITY (R)	G-3	TVA	1900	7	4.31	4.19	6.45	5.91	6.87	5.57	3.65	3.93	4.06	4.43	3.40	3.19	5.47	5.80	6.07	4.97	1.65	3.38	1.60	2.39	10.81	4.16	6.41	5.16	60.75	53.08	---
525	ELA (NEAR)	H-3	NP.CO.	1830	7	4.14	5.98	6.79	5.50	6.75	5.42	3.54	3.71	3.38	5.17	4.23	3.73	3.90	5.82	4.47	5.33	2.10	3.50	1.32	2.51	11.90	4.09	6.73	5.25	59.25	56.01	---
542	CHEROKEE	H-3	USDI	2020	8	4.73	5.71	6.31	5.36	6.89	5.40	3.35	3.18	3.23	3.55	4.60	3.60	3.68	6.19	5.17	4.32	2.86	2.80	1.42	2.08	11.08	3.98	6.49	5.18	59.81	51.35	6.7
186	RAVENSFORD	H-3	USWB	2100	16	5.14	6.58	6.19	6.21	7.12	6.52	3.33	4.62	5.12	4.52	4.69	3.83	4.92	6.36	6.47	5.70	3.30	3.22	1.78	2.80	#11.50	4.16	7.10	5.06	#66.66	59.58	8.2

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1948 PRECIPITATION—In Inches

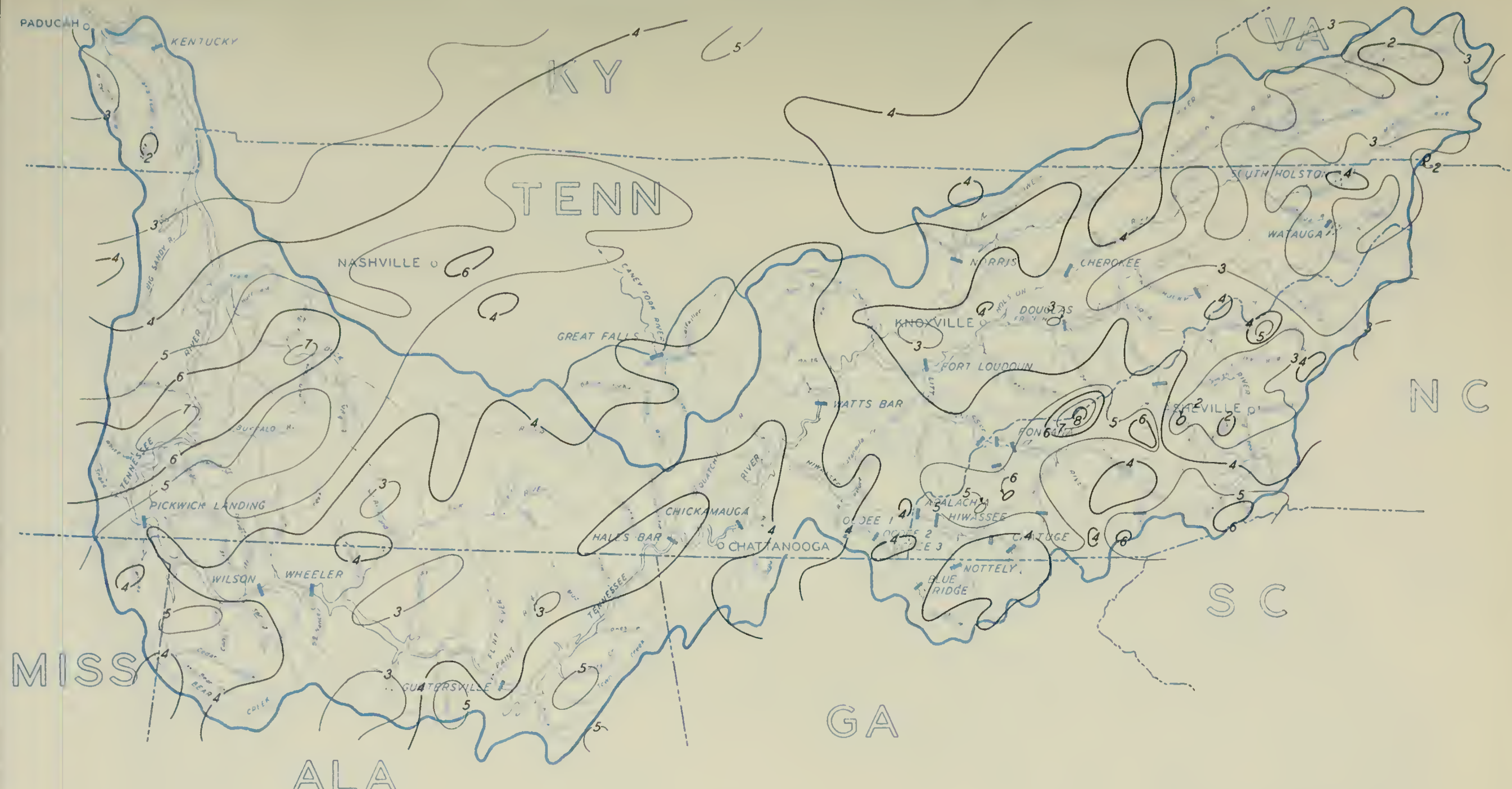
Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	LITTLE TENNESSEE RIVER ABOVE FONTANA DAM (CONT'D)																															
187	SPRUCE MOUNTAIN (R)	H-3	TVA	4800	14	4.81	6.64	6.78	5.65	6.61	5.86	4.76	4.37	3.46	3.79	6.71	4.18	4.42	6.58	5.34	5.49	4.43	3.63	2.33	3.08	11.70	4.32	6.62	4.54	67.97	58.13	---
377	JACK COVE	H-3	TVA	2100	11	4.02	5.26	6.01	5.69	5.34	5.42	3.24	3.44	3.26	3.55	5.82	3.66	5.26	6.06	5.73	4.19	2.47	2.70	0.97	1.84	9.59	3.45	5.80	4.22	57.51	49.48	15.0
249	BALSAM	H-3	TVA	3330	7	4.58	5.93	6.52	6.19	7.27	6.04	3.56	3.85	3.69	4.98	3.17	3.27	5.32	5.85	6.15	5.46	2.78	4.22	1.41	3.06	10.93	4.64	6.73	5.12	62.11	58.61	20.6
189	CULLOWHEE	H-4	USWB	2100	39	3.22	3.90	4.90	3.20	7.18	5.20	2.02	3.60	3.71	3.60	4.23	4.00	6.10	4.20	5.35	4.00	3.09	3.50	1.00	2.70	9.95	2.20	5.13	4.20	55.88	44.30	11.4
564a	GLENVILLE POWERHOUSE	H-4	NP.CO.	-	7	3.95	5.72	5.95	5.63	9.44	6.93	3.12	4.01	3.83	4.59	4.20	3.48	8.82	5.56	4.59	3.71	4.57	3.87	1.07	2.96	12.82	4.19	5.68	5.11	68.04	55.76	---
564	GLENVILLE DAM	H-4	NP.CO.	3550	8	4.94	6.10	6.77	5.93	9.61	7.53	2.62	4.26	3.74	4.32	4.49	4.72	9.22	6.37	5.51	4.42	6.93	4.31	1.29	3.35	15.22	4.77	5.95	5.66	76.29	61.74	---
509	LAUREL MOUNTAIN (R)	H-4	TVA	4200	8	5.19	7.19	7.94	6.17	12.03	8.47	2.68	4.87	4.43	5.79	5.27	5.80	13.77	8.04	7.01	4.81	7.86	5.69	2.04	4.47	19.14	6.82	6.75	6.73	94.11	74.85	---
190a	HAYWOOD GAP (R)	H-3	TVA	5400	14	4.14	6.04	7.00	5.28	8.00	6.12	3.20	4.88	4.07	4.54	7.64	4.66	13.15	7.55	7.96	7.03	6.63	4.26	1.40	3.98	20.21	4.85	7.45	4.76	90.85	63.95	---
191	OWENS GAP	H-4	TVA	3715	14	----	----	7.08	6.07	8.32	6.90	1.92	5.89	2.75	4.76	5.18	5.12	13.06	7.91	7.17	7.86	8.26	5.24	1.60	4.07	21.78	5.80	6.91	6.36	-----		---
193	NANTAHALA	O-4	NP.CO.	2020	14	5.08	6.57	7.77	6.59	7.66	6.35	5.17	5.14	4.77	4.01	5.41	4.34	6.44	6.27	5.89	4.78	2.01	3.02	2.56	2.91	13.07	3.88	7.49	4.86	73.32	58.72	---
594	NANTAHALA DAM	O-4	NP.CO.	2950	7	5.12	7.53	7.93	7.59	7.43	7.57	4.07	4.58	3.14	5.25	4.16	4.36	3.90	6.39	6.53	4.52	1.86	4.14	2.01	2.97	12.55	5.28	7.66	6.32	66.36	66.50	---
194	NEEDMORE	O-3	TVA	1770	14	4.50	6.09	6.33	5.43	7.31	5.54	3.65	4.08	3.96	3.26	4.66	3.45	5.01	6.01	5.12	4.12	2.10	2.70	1.37	2.32	11.98	3.62	5.61	4.36	61.60	50.98	11.5
195	RAVEN MOUNTAIN (R)	H-3	TVA	4500	14	4.20	6.68	6.64	5.94	#6.89	5.73	3.93	4.40	3.71	3.89	5.57	4.38	6.72	7.01	4.88	5.41	2.40	3.47	1.23	2.68	11.66	3.95	5.97	4.92	#63.80	58.46	---
196	FRANKLIN POWERHOUSE	H-4	NP.CO.	2000	15	3.67	5.12	5.72	4.57	7.71	5.34	2.80	3.75	3.26	3.06	2.76	3.78	5.29	5.42	4.52	4.28	1.78	2.93	0.93	2.62	9.59	3.10	5.36	3.86	53.39	47.83	---
198	FRANKLIN	H-4	USWB	2300	5	4.39	4.43	6.16	4.66	9.04	5.09	2.82	3.87	4.15	3.00	4.47	3.61	5.46	5.70	6.48	4.36	1.78	3.16	0.95	2.50	13.11	2.45	5.77	3.96	64.58	46.79	15.0
198a	FRANKLIN	H-4	TVA	2130	-	STATION ESTABLISHED NOVEMBER 23, 1948																						5.43		-----		---
586	CARTOOGECHAYE CREEK	O-4	TVA	2200	7	4.83	6.27	7.48	6.47	9.77	7.41	3.01	4.10	4.24	4.48	4.67	3.47	7.85	6.23	7.07	3.86	3.33	4.30	1.08	2.96	15.34	5.17	6.62	5.88	75.29	60.60	12.0
197	WAYAH BALD (R)	O-4	TVA	5350	14	5.27	7.91	8.53	6.96	7.65	7.04	4.00	5.16	4.36	4.45	4.47	4.34	5.75	7.14	4.40	5.36	3.89	4.06	1.65	3.29	14.26	4.75	8.57	5.72	72.80	66.18	---
199	OTTO	H-4	TVA	2300	14	3.47	5.83	6.91	5.67	9.21	6.31	2.49	4.42	5.51	3.62	2.19	3.77	6.01	5.99	5.26	5.19	2.78	3.75	0.97	2.91	14.21	4.20	5.37	4.51	64.38	56.17	9.7
200b	COWEETA NO. 19	O-4	USFS	2260	2	5.58		8.80		11.75		2.88		4.68		4.46		8.29		8.45		3.69		1.03		18.82		7.52		85.95		---
200	COWEETA NO. 1 (R)	O-4	USFS	2875	14	5.44	6.99	8.36	6.82	11.43	7.59	2.68	5.66	5.17	4.37	4.09	4.36	7.26	6.37	8.20	5.67	4.16	4.31	1.02	3.71	18.46	5.61	7.49	6.07	83.76	67.53	---
201a	HIGHLANDS	H-4	TVA	3800	7	6.25	8.85	9.62	7.68	12.98	10.08	3.68	6.03	7.84	7.09	3.08	6.16	16.39	9.74	7.57	6.07	10.38	7.44	1.73	4.93	23.43	8.19	7.90	7.00	110.85	89.26	19.3
201	HIGHLANDS (NEAR)	H-4	USWB	3350	60	5.34	6.90	8.28	6.70	12.07	8.40	2.77	6.40	8.34	6.00	2.63	7.40	15.68	8.70	8.99	7.50	9.85	6.80	1.37	6.30	18.38	5.00	6.71	8.80	100.41	84.90	13.0
204	CLAYTON	H-4	USWB	1875	56	4.44	6.13	7.80	6.40	9.25	6.90	2.01	5.75	3.58	4.75	5.93	5.29	12.27	6.96	7.34	6.49	4.02	4.95	1.34	4.34	18.84	4.22	----	7.10	-----	69.28	8.8
560	C[illegible]ETAH TOWER	O-5	USFS	1830	10	----		6.84		PUBLICATION OF DATA DISCONTINUED FEBRUARY 29, 1948																				-----		---
	FRENCH BROAD RIVER																															
642	SEVIERVILLE	O-3	TVA	900	30	3.35	4.27	6.76	4.07	4.48	4.78	4.31	3.81	2.17	4.46	2.63	4.49	2.49	4.49	4.54	4.12	1.07	3.06	1.23	2.63	9.13	3.02	6.25	4.53	48.41	47.73	8.0
496	PIGEON FORGE	O-3	TVA	1012	8	3.97	4.21	5.65	4.30	4.17	4.42	2.70	2.88	2.48	3.42	2.43	4.30	4.42	5.41	2.88	4.21	1.00	3.24	1.26	2.22	6.69	3.23	5.58	3.84	43.23	45.68	7.2
209	GATLINBURG (NEAR)	O-3	USWB	1460	23	4.36	4.32	7.60	4.29	6.64	5.22	4.77	4.13	3.58	4.70	4.17	4.81	5.00	5.69	4.92	5.64	1.91	2.82	2.00	2.95	9.34	2.45	6.89	4.46	61.18	51.48	8.8
210	MT. LE CONTE	O-3	TVA	6350	-	----	----	----	----	----	----	----	----	6.57	5.87	5.67	6.10	5.47	10.47	5.58	8.42	3.02	4.61	2.18	3.88	----	----	----	----	-----		---
593	DOUGLAS DAM	G-2	TVA	928	7	2.97	4.34	6.29	5.56	3.69	3.93	2.36	2.70	2.05	3.21	2.25	2.28	4.00	4.26	3.49	3.22	0.78	2.58	1.26	2.03	8.62	3.48	5.55	4.34	43.31	41.93	---
211	DANDRIDGE	G-2	TVA	1040	44	3.06	4.08	6.54	4.07	4.52	4.63	2.44	3.63	2.52	3.86	3.36	3.77	3.97	4.79	2.86	4.15	1.87	2.73	1.32	2.64	7.00	2.67	5.99	4.20	45.45	45.22	10.2
212	WHITE PINE	H-2	TVA	1165	14	2.05	3.55	----	----	2.85	4.00	1.70	3.03	1.72	2.73	4.39	3.29	6.47	5.19	1.56	3.88	0.85	2.68	1.10	2.26	7.13	2.78	6.21	3.07	-----		---
213	BULLS GAP	H-2	TVA	1060	14	2.76	4.40	6.74	4.32	4.82	4.90	1.94	3.17	1.78	2.85	3.34	3.63	8.58	5.55	2.51	4.00	1.62	2.60	1.68	2.31	9.17	3.31	5.83	3.86	50.77	44.90	19.7
214	LICK CREEK (R)	H-2	TVA	1210	13	2.90	3.70	4.52	3.39	3.96	3.52	0.60	2.30	1.75	2.31	2.14	2.64	3.40	4.83	3.06	3.58	1.37	2.27	1.06	2.11	6.19	2.42	4.99	2.97	35.94	36.04	---
215	JEAROLDSTOWN	H-2	TVA	1400	14	3.16	4.36	5.57	4.08	4.88	4.58	1.13	3.06	2.76	3.30	5.07	3.64	4.60	5.17	7.12	4.19	1.35	2.79	1.70	2.53	7.16	2.95	5.76	3.49	50.26	44.14	19.1
216	LITTLE CHUCKY	H-2	TVA	1350	14	3.11	3.97	4.35	4.18	2.95	4.35	1.73	3.34	3.24	2.78	4.48	3.66	3.20	4.81	6.41	3.74	1.95	2.77	1.88	2.57	6.19	2.85	4.96	2.94	44.45	41.96	14.5
661	NOLICHUCKY DAM	H-2	TVA	1220	4	3.60		5.90		3.15		2.06		2.56		4.41		4.00		5.00		1.85		1.27		6.23		6.18		46.21		15.5
475	GREENEVILLE (NEAR) (R)	H-2	U.T.	1380	10	3.15	3.26	4.76	3.53	3.02	3.86	1.95	2.36	2.68	2.68	4.04	3.50	2.40	4.35	3.97	3.45	1.77	3.46	0.96	2.15	5.73	2.55	5.40	3.12	39.83	38.27	21.3
217	GREENEVILLE (NEAR)	H-2	USWB	1320	15	3.73	3.52	4.60	3.72	3.34	4.60	1.98	3.58	2.90	4.02	4.17	4.41	2.66	3.98	4.74	4.72	2.03	2.55	1.21	2.46	5.84	2.41	6.20	4.21	43.40	44.18	16.8
518	TUSCULUM COLLEGE	H-2	PRIVATE	1460	8	3.77	3.66	5.44	4.03	3.56	4.03	1.45	2.32	2.64	3.03	5.96	3.95	4.31	5.39	4.46	4.00	2.53	3.69	1.61	2.59	#6.58	3.08	6.03	3.87	#48.34	43.64	20.4
218	CAMP CREEK BALD (R)	H-2	TVA	4560	14	4.18	5.31	7.46	4.95	4.25	5.68	3.31	3.87	3.63	4.34	6.94	5.33	8.65	7.24	7.21	5.56	4.78	3.87	1.91	3.65	8.48	3.60	8.23	4.51	69.03	57.91	---
219	LIMESTONE	H-2	TVA	1420	14	2.85	3.77	4.90	3.51	3.15	4.10	1.40	2.89	2.56	2.93	6.11	3.78	6.28	5.37	3.36	3.93	2.18	2.80	1.88	2.24	5.48	2.48	6.06	2.83	46.21	40.63	13.3
220	EMBREEVILLE	J-2	TVA	1590	23	2.73	3.35	5.39	3.69	3.15	4.32	2.89	3.23	2.78	4.17	3.42	4.08	7.11	5.86	3.53	4.10	1.73	2.92	2.40	2.90	5.55	2.49	5.60	3.19	46.28	44.30	---
221	ERWIN	J-2	TVA	1750	21	2.87	3.33	5.36	3.81	3.90	4.79	2.96	3.33	2.37	4.38	4.39	4.41	6.86	6.16	4.25	4.47	1.73	3.14	1.76	2.92	5.06	2.54	5.66	3.28	47.17	46.56	17.3
643	LIMESTONE COVE	J-2	TVA	2365	4	3.25		4.89		4.31		4.92		3.12		5.20		#6.70		4.45		2.74		1.52		5.22		6.56		#52.88		23.6
659	POPLAR	J-2	TVA	2000	4	2.80		5.10		3.82		3.29		3.13		4.96		7.18		3.44		1.98		1.80		5.43		5.03		47.96		23.2
223	FLAT TOP MOUNTAIN	J-2	TVA	2900	14	3.59	4.98	5.64	4.51	4.41	4.96	3.52	3.52	3.54	3.66	4.68	4.70	7.78	6.81	4.71	5.35	2.66	3.43	2.03	2.91	7.33	3.46	5.91	3.58	55.80	51.87	27.5
224	BEAUTY SPOT (R)	J-2	TVA	4230	14	2.32	4.31	5.61	3.88	2.72	4.26	3.13	3.33	#3.16	3.57	3.49	4.20	5.55	6.79	3.89	4.69	3.22	3.40	1.69	2.82	6.39	3.17	6.08	3.27	#47.25	47.69	---
226	CANE RIVER	J-3	TVA	2500	14	2.51	4.12	5.19	3.98	4.39	4.44	2.07	3.16	3.06	3.33	4.15	3.35	3.67	4.57	3.19	4.04	2.24	3.06	0.92	2.63	6.22	2.74	3.46	2.54	41.07	41.96	---
227	McKINNEY GAP	J-2	TVA	4500	14	5.76	6.59	7.13	5.91	6.13	6.56	3.13	4.47	3.71	4.47	6.23	4.59	4.43	7.01	3.86	4.80	3.29	3.58	1.89	3.33	9.27	4.08	7.40	4.09	62.23	59.48	33.1
228	COXCOMBE MOUNTAIN (R)	J-3	TVA	4250	14	2.70	3.94	4.34	3.75	4.58	4.53	1.63	3.26	4.57	3.49	4.00	3.56	3.17	5.35	4.47	4.68	3.26	3.08	0.98	3.18	5.63	2.68	4.37	2.97	43.70	44.47	---
229	DAYBOOK	J-2	TVA	2350	14	3.22	4.04	5.16	3.65	4.40	4.30	2.86	3.05	2.28	3.26	#3.74	3.46	7.77	5.04	5.42	4.31	3.18	3.31	#1.29	2.47	5.50	2.80	4.88	2.65	#49.70	42.34	19.7
231	ROAN HIGH KNOB (R)	J-2	TVA	6100	14	2.29	4.54	4.59	3.95	4.21	4.76	4.07	3.95	4.00	4.65	4.99	4.83	6.11	6.91	4.40	5.12	3.31	3.86	0.68	3.40	7.22	3.46	5.05	3.01	50.92	52.44	---
402	BAKERSVILLE	J-2	TVA	2575	10	2.48	3.02	4.51	3.74	4.73	3.77	2.55	2.99	3.64	3.62	4.11	3.80	5.91	4.66	4.63	4.87	1.79	2.85	1.11	2.59	5.33	2.50	4.36	2.76	45.15	41.17	30.3
232	CELO	J-3	TVA	2800	14	3.30	4.88	3.98	3.99	5.73	5.12	1.65	3.69	4.24	3.75	4.33	3.41	6.29	5.67	5.25	6.12	6.60	3.87	1.44	3.45	9.65	3.44	5.16	3.45	57.62	50.84	20.5
622	CELO (NEAR)	J-3	USWB	2700	6	4.11		4.75		7.32		1.98		5.51		3.25		6.40		5.57		7.90		1.43		11.75		#5.71		#65.68		15.2
233	MT. MITCHELL	J-3	USWB	6684	24	4.29	4.26	5.03	4.91	8.11	6.71	1.28	6.10	5.47	5.41	4.31	6.69	9.27	7.91	4.77	9.04	10.26	6.64	2.56	5.63	10.95	4.63	5.54	6.56	71.84	74.49	46.7
233a	MT. MITCHELL (R)	J-3	TVA	6684	5	3.86		5.35		5.97		1.90		5.02		3.72		9.80		4.07		10.50		2.26		10.69		5.07		68.21		---
234	SNOW CREEK	J-2	TVA	2600	14	2.75	3.74	4.00	3.44	4.77	4.24	3.78	3.40	4.71	3.34	3.85	3.84	5.92	5.09	4.21	4.66	4.91	3.40	0.91	2.64	7.21	2.90	3.60	2.90	50.62	43.59	27.5
623	SPRUCE PINE	J-3	TVA	2620	6	3.18	4.39	3.84	3.64	5.87	4.80	2.50	3.35	3.69	3.68	4.29	3.33	5.74	4.05	5.31	3.74	5.82	5.06	0.81	3.64	11.18	4.56	3.35	2.50	55.58	46.74	23.5
235	LITTLE SWITZERLAND (R)	J-3	TVA	3550	14	3.30	5.54	3.99	3.71	6.23	5.21	2.12	4.02	4.47	4.06	5.15	3.96	7.34	6.82	4.54	7.01	8.13	5.00	1.39	4.04	13.21	4.72	3.93	4.12	63.80	58.21	---
236	ALTAPASS	J-3	TVA	2600	35	3.40	3.90	4.11	3.26	5.87	4.75	3.04	3.90	2.98	4.04	3.14	3.68	4.00	6.43	4.51	4.84	5.47	4.01	0.82	3.73	8.21	3.24	----	----	-----		17.1
237	PLUMTREE	J-2	TVA	2900	13	2.81	4.72	4.59	4.21	5.27	4.31	2.94	3.98	3.69	4.05	3.30	3.97	4.79	5.54	5.20	5.13	5.13	3.57	1.02	3.40	9.95	3.68	4.05	3.24	52.74	49.80	23.4
238	SMOKY GAP	J-2	TVA	3650	14	2.34	4.11	4.24	3.69	4.48	4.15	3.71	3.57	2.78	4.42	5.40	4.87	3.42	5.63	3.61	5.21	4.16	3.57	1.26	3.02	7.89	3.57	4.43	2.90	47.72	48.71	34.3
378	CROSSNORE	J-2	USWB	3430	35	3.22	3.85	4.03	4.03	6.75	5.28	2.10	4.29	3.81	4.68	2.66	5.72	3.73	7.00	6.16	5.75	7.94	4.74	1.29	4.95	10.18	3.37	4.45	5.14	56.32	58.80	30.2
241	NEWPORT	H-2	USWB	1080	58	4.37	3.68	6.51	3.91	3.39	4.84	1.75	3.66	1.83	4.25	2.00	4.30	5.31	4.48	4.11	3.94	1.16	2.78	1.47	2.47	6.56	2.47	5.85	4.03	44.31	44.81	----
241a	NEWPORT	H-2	TVA	1050	6	3.81	3.85	6.15	5.23	3.36	4.11	1.68	2.69	1.62	2.89	1.84	3.06	4.83	4.83	3.30	3.44	1.13	3.14	1.64	2.24	6.55	3.08	5.81	3.67	41.72	42.23	----

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1948 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs.of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Y E A R		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	FRENCH BROAD RIVER (CONT'D)																															
538	COSBY NO. 4	H-3	USDI	1720	8	4.55	5.15	7.01	4.34	5.12	5.32	3.81	3.61	4.49	4.20	2.30	4.05	4.70	7.34	6.66	4.66	1.98	2.92	1.45	2.90	8.00	3.39	7.84	4.71	57.91	52.59	----
243	HARTFORD	H-3	TVA	1260	14	3.06	4.22	6.22	4.25	3.84	4.51	3.93	3.49	2.44	3.69	3.63	4.28	3.38	6.44	6.52	5.11	1.35	2.55	1.38	2.40	6.54	2.67	5.23	3.61	47.52	47.22	----
244	WATERVILLE POWERHOUSE	H-3	USWB	1410	18	3.76	3.47	5.58	3.68	4.63	4.35	3.84	4.27	3.65	4.48	4.46	5.54	3.75	5.29	4.86	5.00	1.29	3.92	1.30	3.09	6.35	2.13	5.85	3.86	49.32	49.08	7.7
245	MT. STERLING	H-3	TVA	2950	14	4.01	5.08	5.57	4.74	5.85	5.25	3.01	3.36	3.41	4.08	3.21	3.97	4.11	7.14	5.62	5.20	2.28	3.23	1.19	2.64	8.39	3.30	6.01	3.60	52.66	51.59	23.2
656	CATALOOCHEE	H-3	USDI	2620	4	4.55		5.00		5.48		3.16		3.93		4.23		3.95		4.51		2.81		1.25		8.47		5.87		53.21		16.5
407	CATALOOCHEE RANCH	H-3	TVA	4800	10	6.50	6.78	5.06	6.31	8.23	7.89	2.26	4.09	4.49	4.28	----	----	----	----	4.30	5.04	2.85	3.44	1.68	3.11	11.73	4.52	6.15	5.11	-----		42.5
247	WAYNESVILLE	H-3	USWB	2675	55	3.26	3.75	4.30	4.04	6.32	5.05	1.66	3.68	2.78	3.98	2.75	4.12	4.67	4.60	5.38	4.21	1.79	3.00	1.41	3.04	8.38	2.25	4.38	4.61	47.08	46.33	16.7
248	EAGLENEST MOUNTAIN	H-3	TVA	3360	14	6.83	6.74	7.67	6.42	9.13	6.60	3.57	4.19	3.58	3.89	3.55	3.76	4.30	6.37	4.50	4.46	2.72	3.28	1.80	2.72	10.02	4.02	7.51	4.68	65.18	57.13	26.7
250	CHAMBERS MOUNTAIN (R)	H-3	TVA	4300	14	1.96	3.34	3.73	2.95	4.10	3.72	1.86	2.67	1.59	2.18	2.70	2.57	4.15	5.68	5.42	4.42	2.77	2.35	0.88	2.39	6.43	2.39	3.29	2.34	38.88	37.00	----
251	CANTON	H-3	USWB	2600	18	3.28	2.75	4.21	3.27	5.49	4.00	1.68	3.62	4.45	3.44	2.83	3.55	4.35	3.92	6.51	4.18	2.93	3.39	1.15	2.76	7.89	1.80	4.14	3.36	48.91	40.04	19.5
253	DIX CREEK	H-3	TVA	3280	14	3.68	5.37	4.62	4.75	7.49	5.62	1.44	3.86	3.10	3.48	2.76	3.40	4.17	5.53	4.06	5.29	4.93	3.33	0.83	2.98	11.78	3.72	3.87	3.75	52.73	51.08	20.0
254	MT. PISGAH (R)	H-3	TVA	5300	14	3.52	5.37	4.81	4.39	6.60	5.38	2.31	4.47	6.26	4.49	3.37	4.41	6.93	7.21	6.53	7.02	9.85	5.22	1.34	4.64	16.24	4.60	4.43	4.57	72.19	61.77	----
629	BIG EAST FORK PIGEON	H-3	USFS	3410	6	5.08		7.84		11.30		2.77		6.72		6.45		10.32		6.30		11.73		1.72		23.44		7.44		101.11		----
255	WOLF CREEK	H-3	TVA	1200	14	3.48	3.74	4.62	3.63	3.36	4.28	2.15	2.81	2.50	3.31	4.09	3.58	3.95	6.09	5.02	4.17	1.41	3.15	1.08	2.27	5.93	2.36	5.44	2.80	43.03	42.19	6.8
256	HOT SPRINGS	H-3	USWB	1335	44	2.95	3.00	4.93	2.80	2.82	4.50	1.87	3.70	2.84	3.60	4.32	4.20	4.27	5.10	7.48	5.10	2.05	2.90	1.25	2.80	5.81	1.90	4.67	4.50	45.26	44.10	6.6
256a	HOT SPRINGS AIRWAYS	H-3	USWB	1400	8	3.43	3.00	4.82	2.80	3.10	4.50	1.93	3.70	3.19	3.60	3.76	4.20	3.33	5.10	----	5.10	1.86	2.90	1.27	2.80	5.79	1.90	4.70	4.50	-----	44.10	7.5
257	MAX PATCH MOUNTAIN (R)	H-3	TVA	4285	14	4.79	4.40	6.07	4.48	----	----	4.47	4.24	3.22	4.20	3.18	4.52	4.17	7.04	4.70	6.06	2.53	3.66	1.80	3.09	7.00	3.03	6.59	3.23	-----		----
261	DOGGETT GAP	H-3	TVA	3800	14	3.31	4.44	4.52	3.99	4.20	4.95	2.44	3.52	3.14	3.40	4.47	4.02	5.37	6.22	3.56	5.81	3.73	3.07	1.24	2.91	8.86	3.06	5.35	3.15	50.19	48.54	26.5
259	COOY STORE	J-3	TVA	2450	14	3.08	4.04	5.05	3.62	3.60	4.41	3.32	3.25	3.80	3.72	6.06	4.23	2.84	5.81	5.23	4.68	0.95	2.98	1.14	2.42	6.80	2.62	3.59	2.87	45.46	44.65	16.7
672	SAMS GAP	J-2	TVA	3650	2	3.38		7.16		5.12		2.85		3.42		7.00		3.36		4.36		2.07		1.42		7.82		5.89		53.85		24.8
262	MARSHALL	H-3	USWB	1950	50	2.45	2.56	3.84	2.71	3.57	3.94	1.30	3.44	3.44	3.11	5.70	4.25	3.08	4.32	3.65	4.29	1.24	3.03	0.94	2.63	6.05	1.90	4.32	3.11	39.58	39.29	11.0
263	IVY	J-3	TVA	2100	14	2.75	3.66	4.30	3.42	4.03	4.07	1.21	2.99	3.00	3.23	4.27	3.96	3.77	4.27	5.02	4.22	1.35	2.47	0.95	2.15	5.28	2.35	4.06	2.39	39.99	39.18	12.8
264	BARNARDSVILLE	J-3	TVA	2250	14	2.56	3.73	3.44	3.50	5.17	4.10	1.32	2.91	2.61	3.02	4.38	4.09	3.90	4.93	2.58	4.57	2.00	2.68	#0.85	2.52	6.52	2.67	4.68	2.57	#40.01	41.29	13.0
666	WEAVERVILLE	J-3	TVA	2160	3	2.45		3.00		4.24		1.79		2.18		2.59		3.07		3.55		1.78		0.89		5.42		3.83		34.79		14.6
677	BEECH	J-3	USWB	2960	1	3.65		4.25		5.85		1.78		2.52		4.95		4.29		6.46		2.70		1.01		#8.42		#5.26		#51.14		20.5
265	LEICESTER	H-3	TVA	2100	14	2.35	3.44	2.85	3.10	5.19	3.80	1.80	3.09	3.55	2.98	4.68	3.80	6.90	4.84	6.78	4.83	3.95	2.48	1.75	2.22	8.69	2.51	4.00	2.44	52.49	39.53	14.4
267	ASHEVILLE (R)	J-3	USWB	2192	73	2.55	3.10	3.45	3.15	4.41	3.97	1.34	3.02	2.64	3.43	4.96	3.93	4.10	4.30	4.75	4.16	1.60	3.04	0.93	2.75	7.15	2.23	3.92	3.20	41.80	40.28	16.1
268a	BEETREE DAM	J-3	TVA	2540	1	ESTAB. MARCH 1, 1948				4.91		1.87		4.28		3.55		5.88		4.02		3.38		1.00		7.55		5.25		-----		----
268	BEETREE DAM (R)	J-3	TVA	2540	24	2.58	3.31	3.68	3.27	4.70	4.17	1.60	3.24	3.82	3.28	3.32	3.40	5.60	4.90	3.44	5.53	2.98	3.73	0.77	3.21	6.66	2.69	4.70	3.46	43.85	44.19	----
269	BEETREE GAP (R)	J-3	TVA	5190	14	2.78	4.30	4.69	4.04	4.64	4.84	2.29	3.61	2.66	3.44	2.57	4.09	7.24	6.31	6.21	6.34	5.74	3.96	1.28	3.33	9.03	3.22	6.34	3.30	55.47	50.78	----
270	SWANNANOA (NEAR)	J-3	USWB	2230	18	2.52	3.74	3.34	3.35	4.84	4.23	0.98	3.08	1.40	2.90	2.01	3.08	3.70	5.07	----	----	3.26	3.15	0.64	3.37	6.59	2.66	----	----	-----		12.0
271a	NORTH FORK NO. 2	J-3	USWB	2520	6	3.85	4.90	4.31	4.28	5.19	5.55	1.57	3.60	4.34	3.98	3.48	4.06	6.60	5.34	3.37	4.74	4.90	4.95	1.04	3.48	7.15	3.53	5.84	3.54	51.64	51.95	21.3
271	NORTH FORK (R)	J-3	TVA	2765	23	3.57	4.41	5.38	4.39	6.28	5.30	2.14	4.32	6.12	4.12	4.09	4.24	7.39	6.16	3.89	6.70	6.03	4.55	0.93	4.27	8.53	3.80	6.43	4.47	60.78	56.73	----
272	MONTREAT	J-3	USWB	2600	32	#2.99	3.90	#3.70	4.50	----	5.20	----	4.50	----	5.00	----	5.40	----	5.70	----	5.10	----	5.20	INACTIVE						-----		----
273	POINT LOOKOUT	J-3	USWB	2320	14	3.30	4.17	4.52	4.10	5.95	4.94	1.95	4.01	5.52	4.52	3.27	3.75	9.41	7.85	7.40	5.30	11.22	5.49	1.30	4.54	10.32	4.36	4.92	3.97	69.08	57.00	----
274	ENKA	H-3	USWB	2075	19	1.79	3.28	2.90	2.96	4.11	3.45	1.65	3.04	4.48	2.77	3.86	3.41	4.28	4.92	5.01	3.83	3.43	2.49	1.03	2.48	8.15	1.99	3.42	2.98	44.11	37.60	17.5
266	ROCKYFACE MOUNTAIN	H-3	TVA	3000	14	2.65	3.65	3.43	3.37	5.41	4.04	1.93	2.92	3.42	2.86	3.02	3.29	3.95	4.74	5.02	4.59	4.43	2.96	1.07	2.48	7.48	2.51	4.75	2.56	46.56	39.97	18.3
275	BENT CREEK	J-3	USFS	2100	15	2.98	4.16	3.61	3.38	5.82	4.26	2.41	3.30	3.32	2.80	2.96	3.92	4.24	5.53	4.78	4.39	2.74	2.72	0.88	2.88	9.92	2.95	3.60	3.01	47.26	43.30	----
276	A & H AIRPORT	J-3	USWB	2094	14	3.61	4.64	3.76	3.88	6.73	4.74	2.12	3.34	3.46	3.53	3.01	3.56	5.64	5.91	6.84	4.86	3.23	3.22	1.16	3.02	9.93	3.28	3.94	3.32	53.43	47.30	----
277	GARREN CREEK	J-3	TVA	2600	13	3.17	5.33	3.44	4.44	5.23	5.43	2.92	4.32	3.53	3.72	3.89	5.58	9.20	6.80	7.36	7.35	4.36	4.85	1.30	4.60	12.48	4.45	5.21	4.25	62.09	61.12	22.5
278	BLUE RIDGE POST OFFICE (R)	J-3	TVA	2270	14	3.92	5.08	4.71	4.31	7.41	5.02	1.96	3.79	3.04	4.07	7.25	4.46	5.05	6.57	4.62	5.42	7.34	4.89	1.20	3.78	10.75	3.99	4.40	4.10	61.65	55.48	----
279	HENDERSONVILLE	J-3	USWB	2153	53	3.55	4.55	5.33	4.60	7.90	5.31	1.55	4.23	4.08	4.86	3.44	5.54	5.64	6.07	#7.97	6.08	5.24	4.75	1.52	4.52	12.54	3.03	4.64	5.88	#63.40	59.42	19.3
279a	HENDERSONVILLE	J-3	TVA	2090	1	ESTAB. MARCH 1, 1948				7.69		1.52		3.86		3.41		5.71		7.97		5.08		1.45		12.31		4.27		-----		----
280	RUSH MOUNTAIN	J-4	TVA	2900	14	5.40	7.03	6.15	5.58	11.47	6.81	2.55	5.10	4.91	4.55	4.64	4.43	6.50	7.60	13.36	8.38	7.39	4.79	1.57	4.96	16.12	5.95	5.86	6.08	85.92	71.26	21.5
282	PINK BEDS (R)	H-3	TVA	3300	13	5.02	6.86	7.40	6.23	10.48	6.92	2.31	5.57	8.27	5.01	5.89	4.93	8.34	6.43	6.90	7.23	10.03	5.10	1.43	4.72	19.32	5.60	7.04	6.54	92.43	71.14	----
281	HORSESHOE	J-3	TVA	2140	14	#4.19	5.60	4.12	4.52	5.18	4.77	1.49	3.68	4.18	4.13	4.14	4.40	7.47	6.68	5.39	5.70	4.50	3.93	1.45	3.41	11.65	3.72	3.88	3.87	#57.64	54.41	16.6
283	CEDAR MOUNTAIN	H-4	TVA	2750	13	6.19	7.58	6.69	6.44	12.85	7.49	1.68	5.54	4.43	5.37	6.25	5.49	10.14	7.96	13.63	8.99	6.65	5.24	1.85	5.03	21.43	6.72	6.60	6.72	98.39	78.57	----
284	CAESARS HEAD	J-4	USWB	3115	24	5.68	6.77	6.23	5.45	10.76	6.57	1.83	5.11	4.80	4.95	4.82	5.25	7.62	7.15	9.26	8.12	6.96	5.69	1.23	5.51	17.85	5.57	7.02	7.16	84.06	73.30	15.4
476	PISGAH FOREST	H-4	USWB	2150	9	4.33	5.36	6.03	5.02	9.74	6.94	2.04	3.96	6.46	5.26	3.15	4.62	5.58	6.52	9.09	6.79	4.84	4.36	1.03	3.05	13.99	5.32	5.56	5.37	71.84	62.57	----
662	GLOUCESTER GAP (R)	H-4	TVA	3200	3	5.74		7.52		9.93		2.67		5.57		8.97		13.04		9.25		7.91		1.47		18.85		6.46		97.38		----
678	DAVIDSON RV. FISH REARING STA.	H-4	USWB	2760	1	5.10		7.04		10.43		2.41		7.24		8.79		12.87		9.13		8.75		1.42		20.30		7.09		100.57		26.2
285	BREVARD	H-4	USWB	2250	47	5.75	4.50	5.44	4.40	10.08	5.10	1.80	4.40	4.83	5.20	3.98	5.80	7.25	6.80	6.72	6.60	6.95	4.90	1.23	4.90	14.97	3.20	5.74	5.80	74.74	61.60	14.5
286a	ROSMAN NO. 2	H-4	TVA	2200	14	5.07	7.35	6.88	6.48	12.19	6.98	2.55	5.49	7.76	5.30	2.27	4.84	8.81	8.54	10.06	8.07	6.09	4.81	2.11	4.48	16.10	5.92	6.48	6.17	86.37	74.43	19.5
640	SASSAFRAS MOUNTAIN	H-4	TVA	3500	6	5.79	6.88	5.53	6.48	----	----	#2.98	4.51	6.46	5.61	3.17	4.60	8.74	9.10	10.87	5.49	9.62	6.89	1.96	4.79	19.92	8.63	6.29	6.71	-----		----
663	QUEBEC (R)	H-4	TVA	2600	3	5.63		6.74		11.64		2.07		3.76		5.26		12.45		9.13		8.07		2.10		21.68		6.94		95.47		----
	UNCLASSIFIED STATIONS																															
412	JACKSON SUBSTA.	A-3	TVA	360	10	4.22	4.68	8.02	4.72	8.34	5.50	4.49	4.76	2.62	3.92	4.29	4.48	4.85	3.56	0.71	3.92	4.63	3.34	2.67	2.52	11.43	5.65	5.88	4.52	62.15	51.57	----
32	JACKSON	A-3	USWB	450	59	4.70	4.75	7.81	3.55		PUBLICATION OF DATA DISCONTINUED FEBRUARY 29, 1948																			-----		----
33	JACKSON NO. 2	A-3	USWB	460	22	4.33	5.71	7.38	4.27		PUBLICATION OF DATA DISCONTINUED FEBRUARY 29, 1948																			-----		----
413	MARTIN SUBSTA.	A-2	TVA	385	10	3.90	3.59	5.36	4.34	8.08	5.57	2.52	4.31	1.74	3.98	2.35	3.96	6.07	3.47	1.04	3.13	6.31	2.91	2.57	2.96	10.76	4.82	7.32	3.80	58.02	46.84	9.5
413a	MARTIN	A-2	USWB	387	13	3.31	5.81	5.63	4.39		PUBLICATION OF DATA DISCONTINUED FEBRUARY 29, 1948																			-----		----
414	MEMPHIS SUBSTA.	-	TVA	295	10	4.57	4.48	10.16	4.80	9.10	5.34	3.89	4.49	2.72	3.52	5.62	3.77	3.52	2.61	2.84	2.48	2.20	2.60	1.94	2.94	8.97	5.21	2.72	4.38	58.25	46.62	17.2
414a	MEMPHIS, TENN. (R)	-	USWB	271	78	2.67	4.81	9.21	4.36		PUBLICATION OF DATA DISCONTINUED FEBRUARY 29, 1948																			-----		----
415	TUPELO SUBSTA.	A-5	TVA	256	10	4.51	4.63	10.49	5.82	10.09	6.95	3.05	3.96	2.05	3.15	2.18	4.13	2.33	4.06	1.80	2.40	7.47	3.37	0.72	1.47	12.91	5.54	3.53	4.48	61.13	49.96	8.0
415a	TUPELO	A-5	USWB	306	43	4.58	4.63	10.91	4.44		PUBLICATION OF DATA DISCONTINUED FEBRUARY 29, 1948																			-----		----
454	CARTHAGE SUBSTA.	D-2	TVA	500	9	5.06	4.31	9.17	5.03	6.21	5.33	1.80	3.53	1.95	4.14	4.64	3.99	6.76	3.73	2.45	4.09	2.65	2.77	1.25	1.86	7.88	4.83	5.87	4.25	55.69	47.86	16.6
455	LEBANON SUBSTA.	D-2	TVA	530	35	5.21	4.69	9.13	4.05	6.92	5.53	2.45	4.37	1.65	4.56	2.00	4.15	2.75	4.15	2.55	4.27	3.64	2.88	1.68	3.19	7.73	4.01	6.22	4.68	51.93	50.53	19.6
469	SOUTH NASHVILLE SUBSTA.	C-2	TVA	425	9	6.79	5.10	8.30	4.38	8.63	5.36	2.00	3.51	1.54	3.62	2.62	2.20	2.65	3.64	0.86	3.15	3.79	3.13	1.22	1.64	8.55	4.28	5.08	4.11	52.03	44.12	----
639	BOWLING GREEN SUBSTA.	D-1	TVA	470	5	3.54	4.72	6.22	5.08	7.01	5.32	3.02	3.77	3.72	4.25	1.87	2.62	6.09	3.75	1.68	3.44	4.03	3.81	1.94	1.77	9.65	4.40	5.25	3.44	54.02	46.37	----
683	RUSSELLVILLE SUBSTA.	C-1	TVA	576	1	ESTAB. APRIL 1, 1948						3.94		3.12		1.51		4.57		1.53		1.85		2.56		10.78		7.60		-----		----
684	SUMMER SHADE SUBSTA.	E-1	TVA	-	1	ESTAB. APRIL 2, 1948						----		3.00		1.68		7.89		4.05		2.21		2.06		7.41		6.21		-----		----

(#) Interpolated or partly interpolated. (R) Recorder at present.



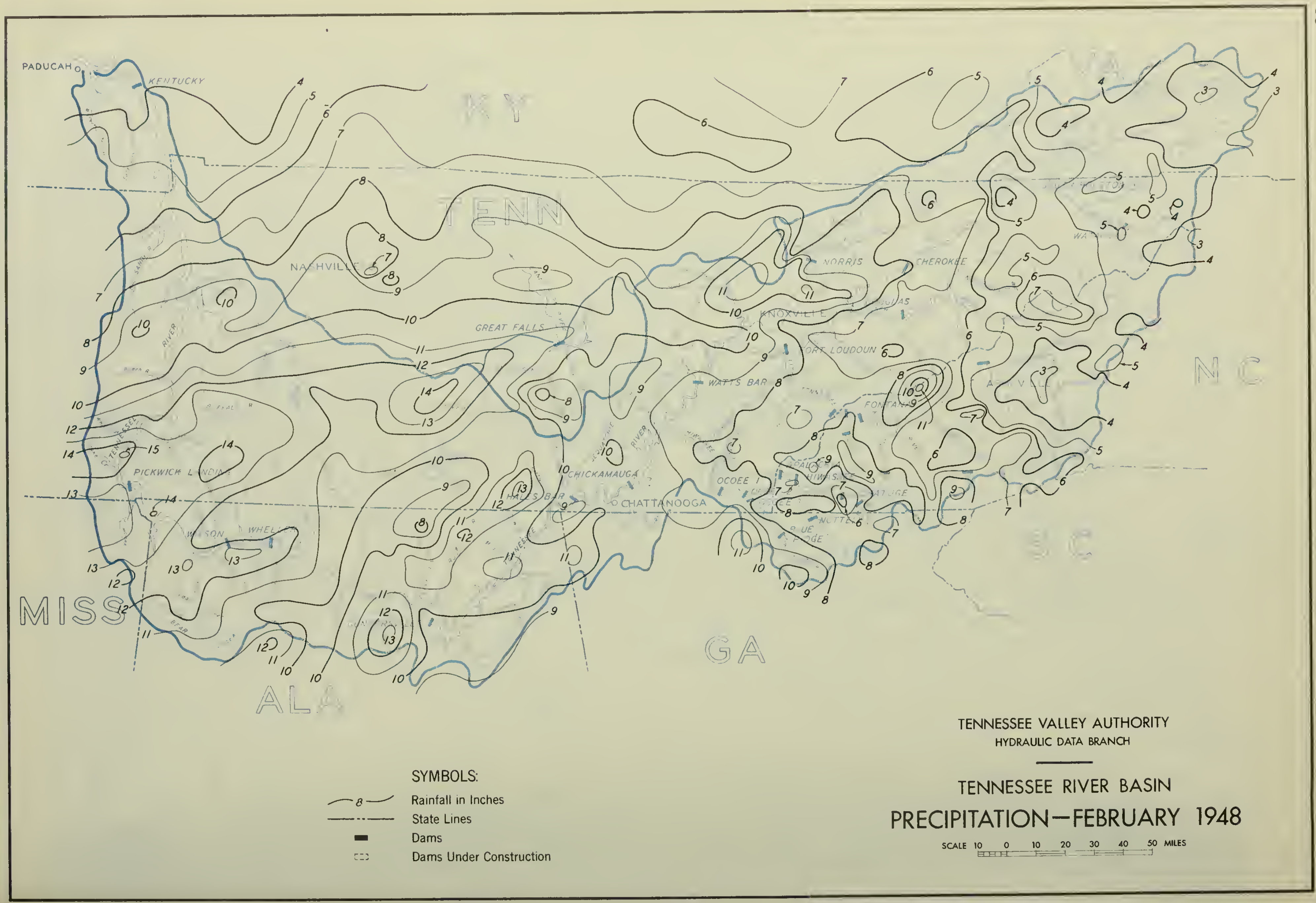
SYMBOLS:

- Rainfall in Inches
- State Lines
- ▬ Dams
- Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

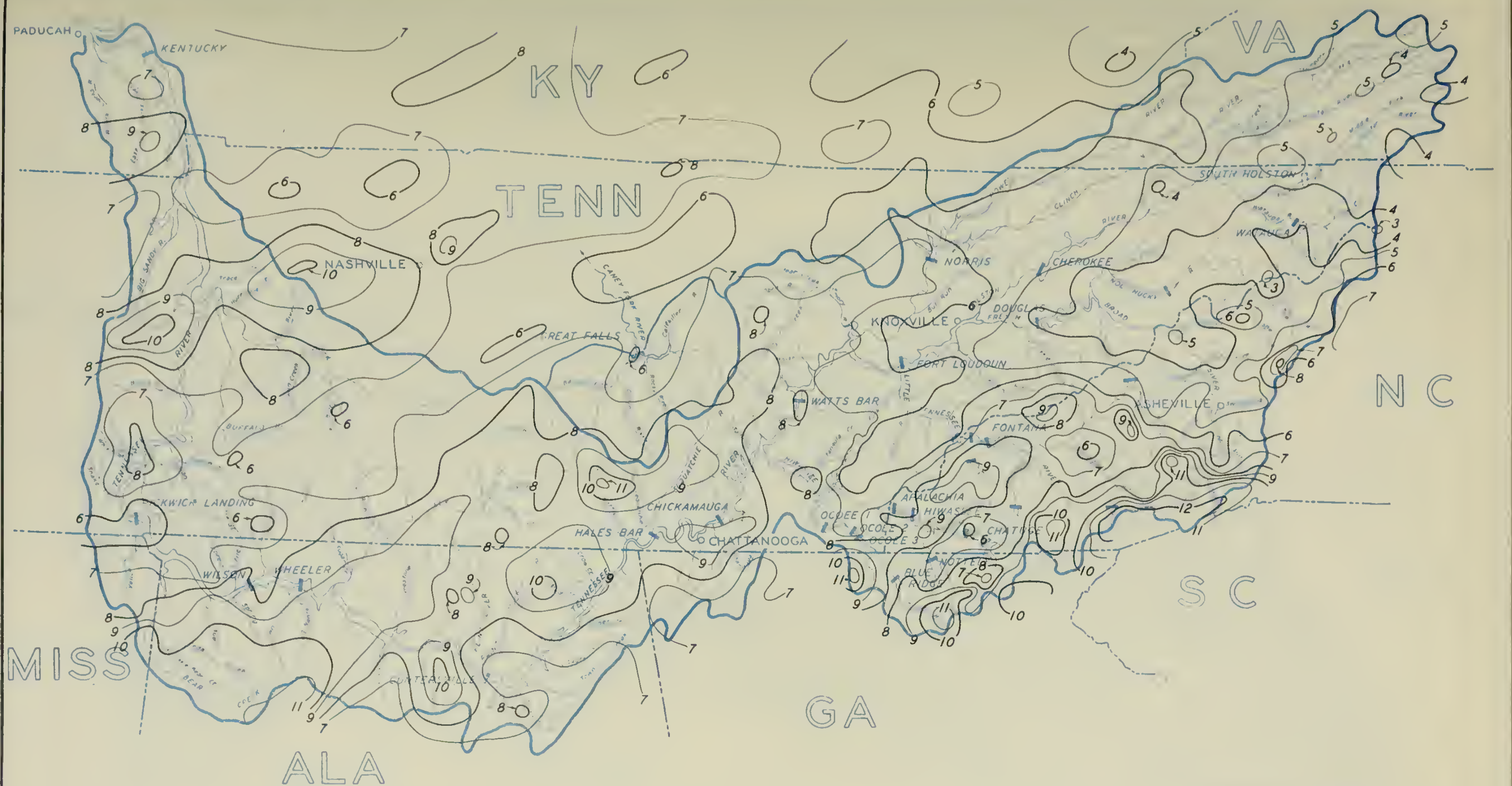
TENNESSEE RIVER BASIN
PRECIPITATION—JANUARY 1948

SCALE 10 0 10 20 30 40 50 MILES



TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION—FEBRUARY 1948



TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

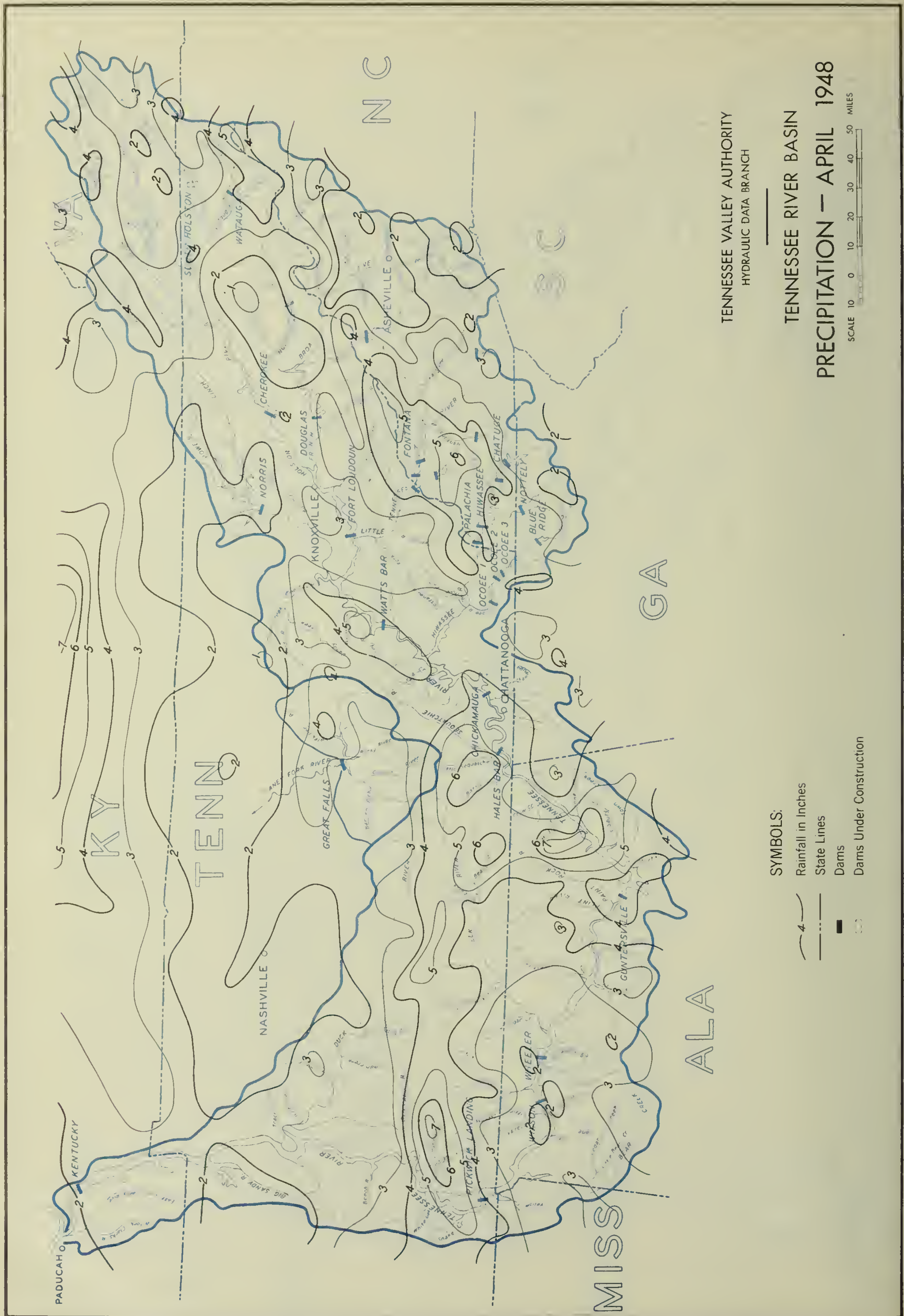
TENNESSEE RIVER BASIN

PRECIPITATION – MARCH 1948

SCALE 10 0 10 20 30 40 50 MILES

SYMBOLS:

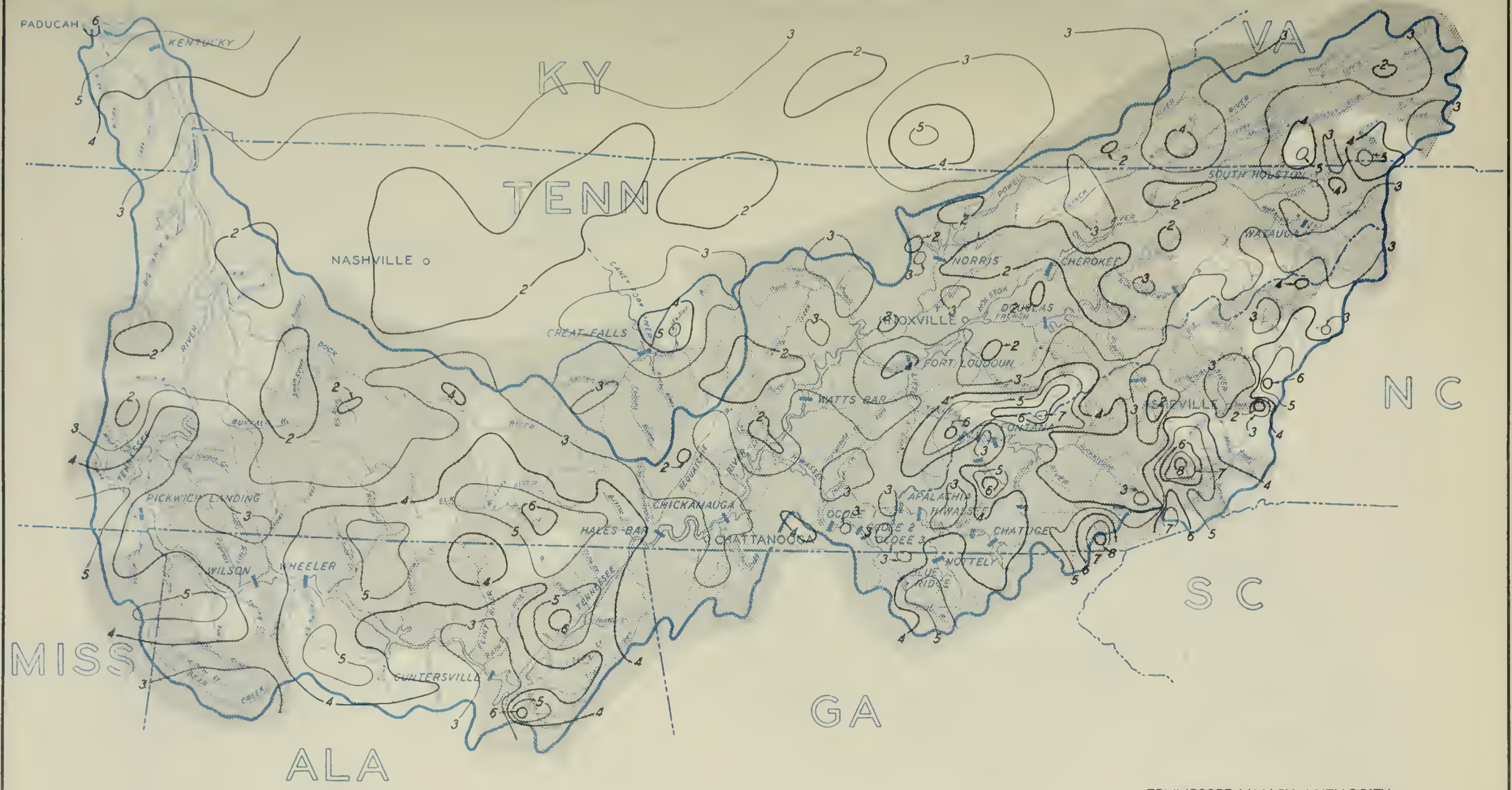
- 8 Rainfall in Inches
- State Lines
- ▬ Dams
- Dams Under Construction



TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN

PRECIPITATION — APRIL 1948



DROUGHT IS A PERIOD OF 21 OR MORE CONSECUTIVE DAYS DURING WHICH LESS THAN ONE-THIRD OF NORMAL RAINFALL OCCURRED, EXCEPT THAT DURING NO INTERVAL OF 21 CONSECUTIVE DAYS IN THIS PERIOD SHALL THE RAINFALL EXCEED ONE-THIRD OF NORMAL.

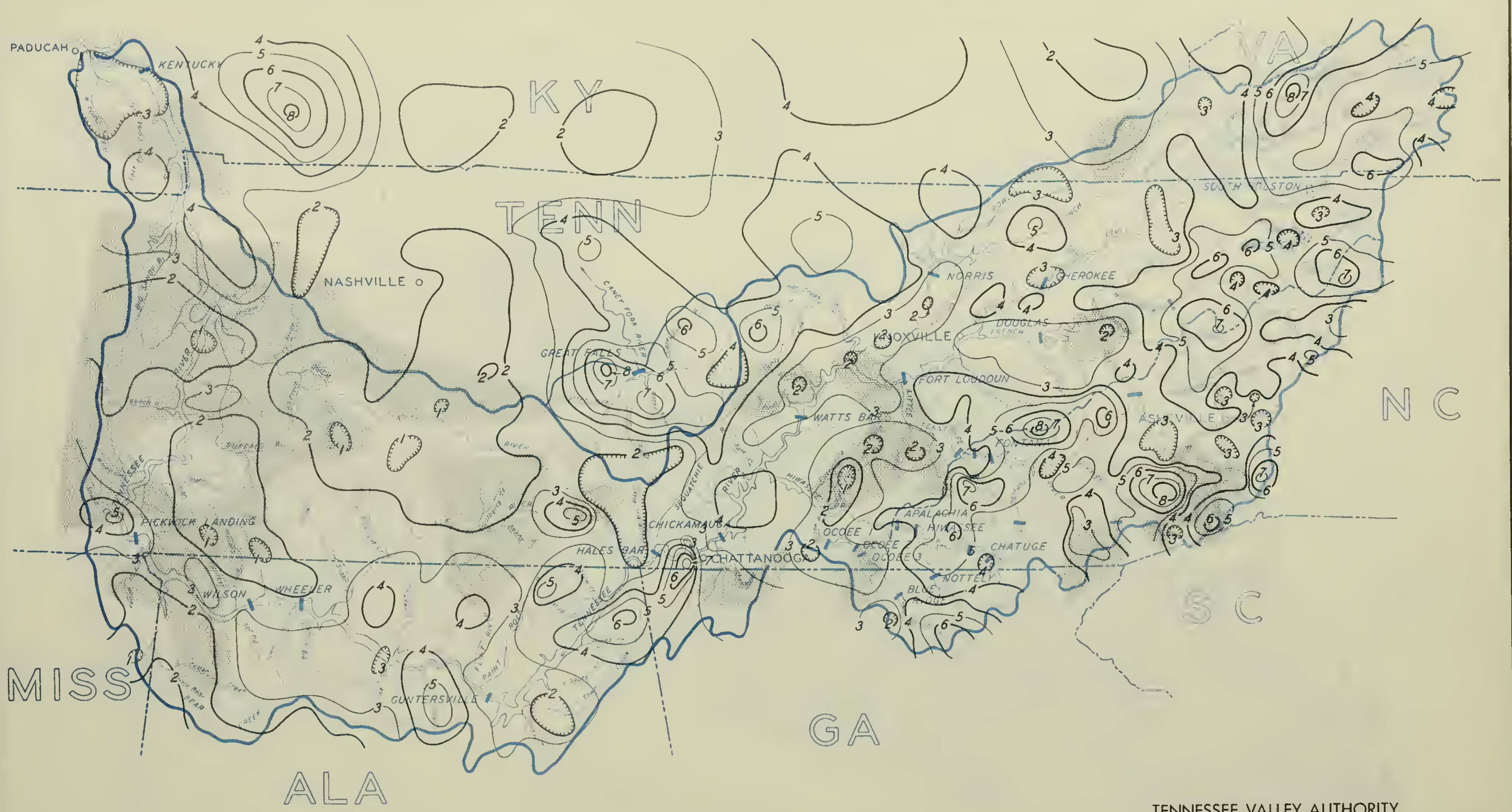
SYMBOLS:

—2—	Rainfall in Inches
░	Area Affected by Drought
—·—·—	State Lines
▬	Dams
▭	Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION—MAY 1948

SCALE 10 0 10 20 30 40 50 MILES



TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

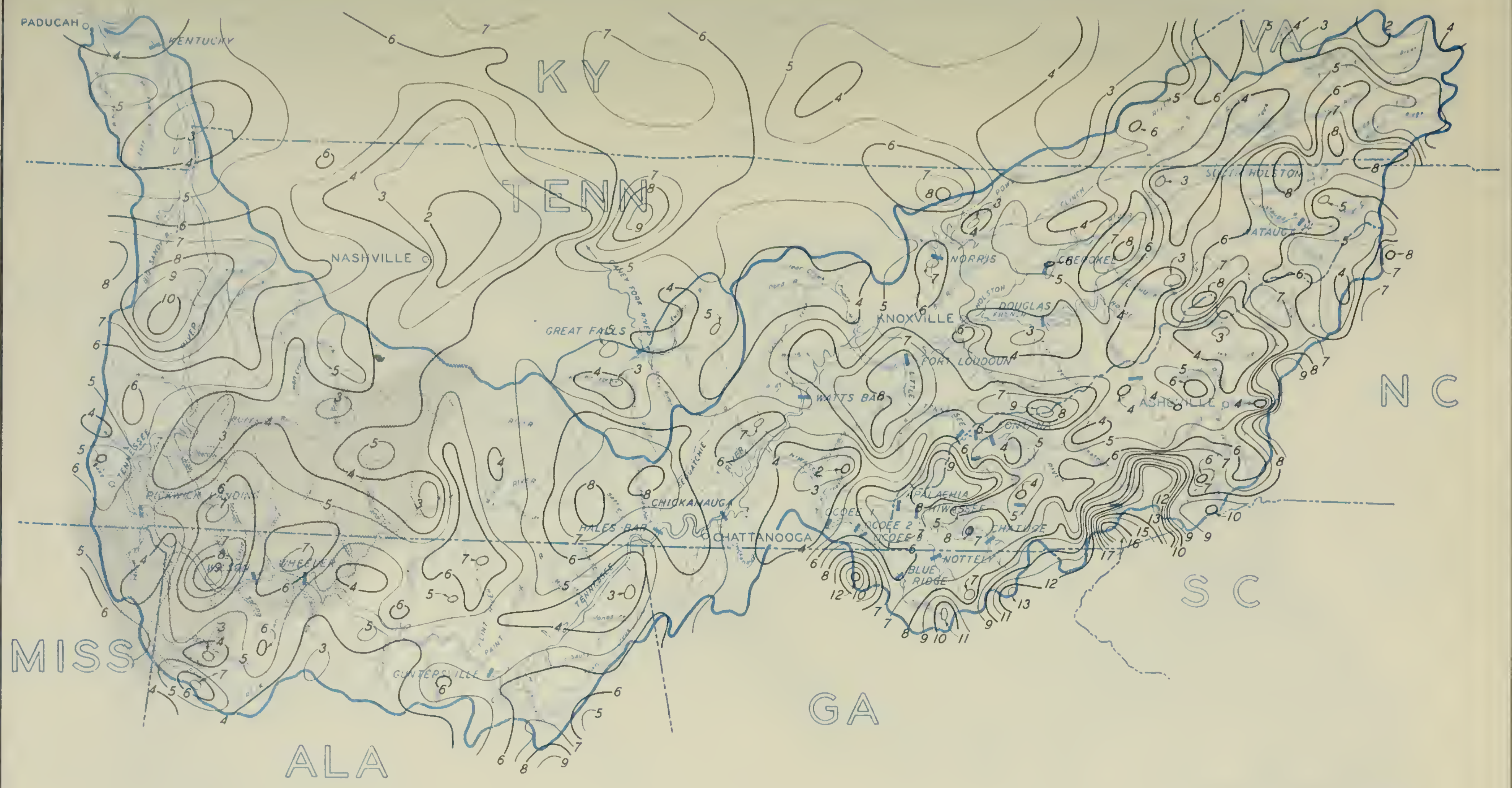
TENNESSEE RIVER BASIN
PRECIPITATION—JUNE 1948

SCALE 10 0 10 20 30 40 50 MILES

SYMBOLS:

—2—	Rainfall in Inches
	Area Affected by Drought
—·—·—	State Lines
▬	Dams
	Dams Under Construction

DROUGHT IS A PERIOD OF 21 OR MORE CONSECUTIVE DAYS DURING WHICH LESS THAN ONE-THIRD OF NORMAL RAINFALL OCCURRED, EXCEPT THAT DURING NO INTERVAL OF 21 CONSECUTIVE DAYS IN THIS PERIOD SHALL THE RAINFALL EXCEED ONE-THIRD OF NORMAL.



DROUGHT IS A PERIOD OF 21 OR MORE CONSECUTIVE DAYS DURING WHICH LESS THAN ONE-THIRD OF NORMAL RAINFALL OCCURRED, EXCEPT THAT DURING NO INTERVAL OF 21 CONSECUTIVE DAYS IN THIS PERIOD SHALL THE RAINFALL EXCEED ONE-THIRD OF NORMAL.

SYMBOLS:

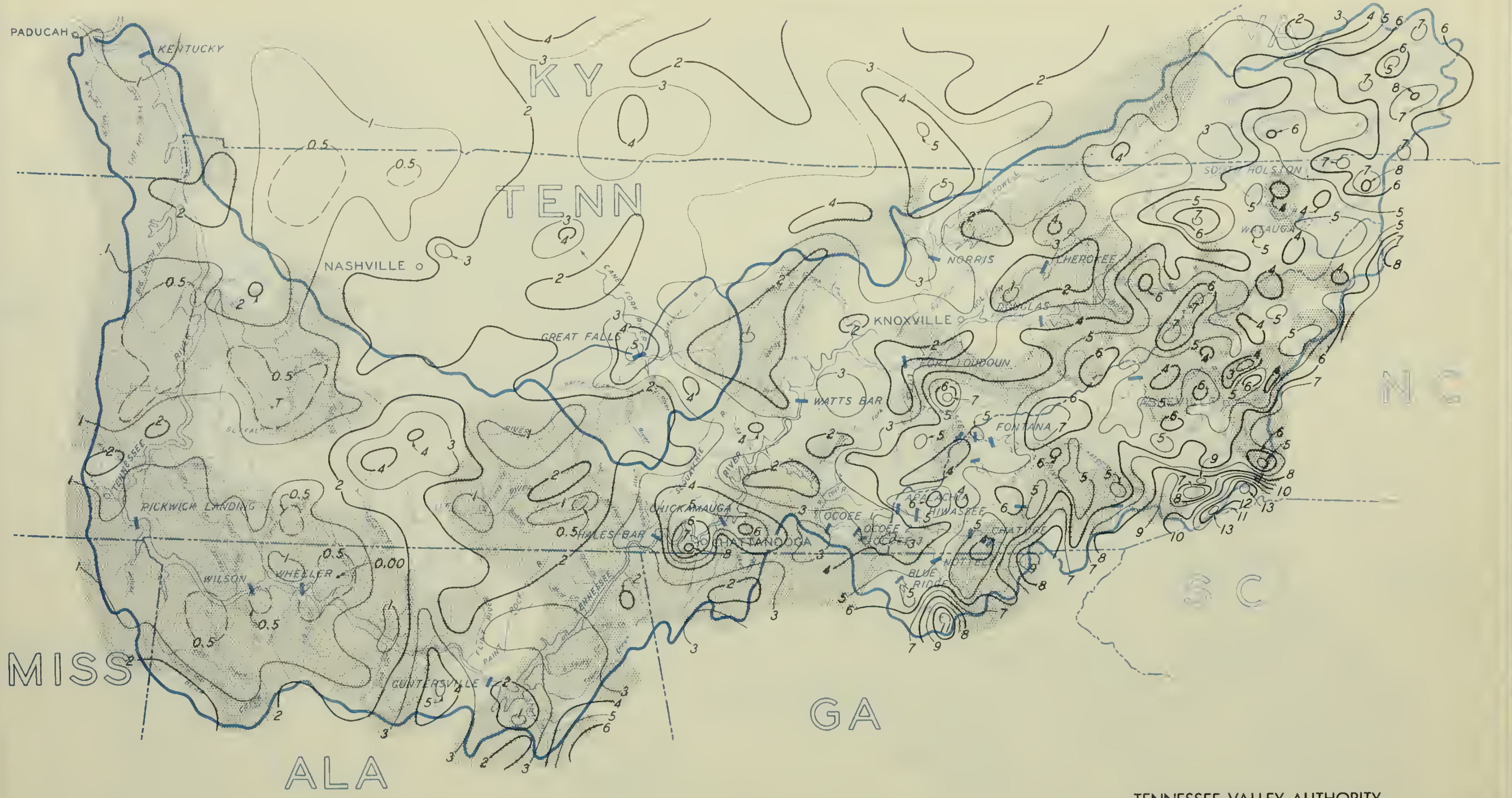
—6—	Rainfall in Inches
	Area Affected by Drought
—·—·—	State Lines
▬	Dams
	Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN

PRECIPITATION—JULY 1948

SCALE 10 0 10 20 30 40 50 MILES



DROUGHT IS A PERIOD OF 21 OR MORE CONSECUTIVE DAYS DURING WHICH LESS THAN ONE-THIRD OF NORMAL RAINFALL OCCURRED, EXCEPT THAT DURING NO INTERVAL OF 21 CONSECUTIVE DAYS IN THIS PERIOD SHALL THE RAINFALL EXCEED ONE-THIRD OF NORMAL.

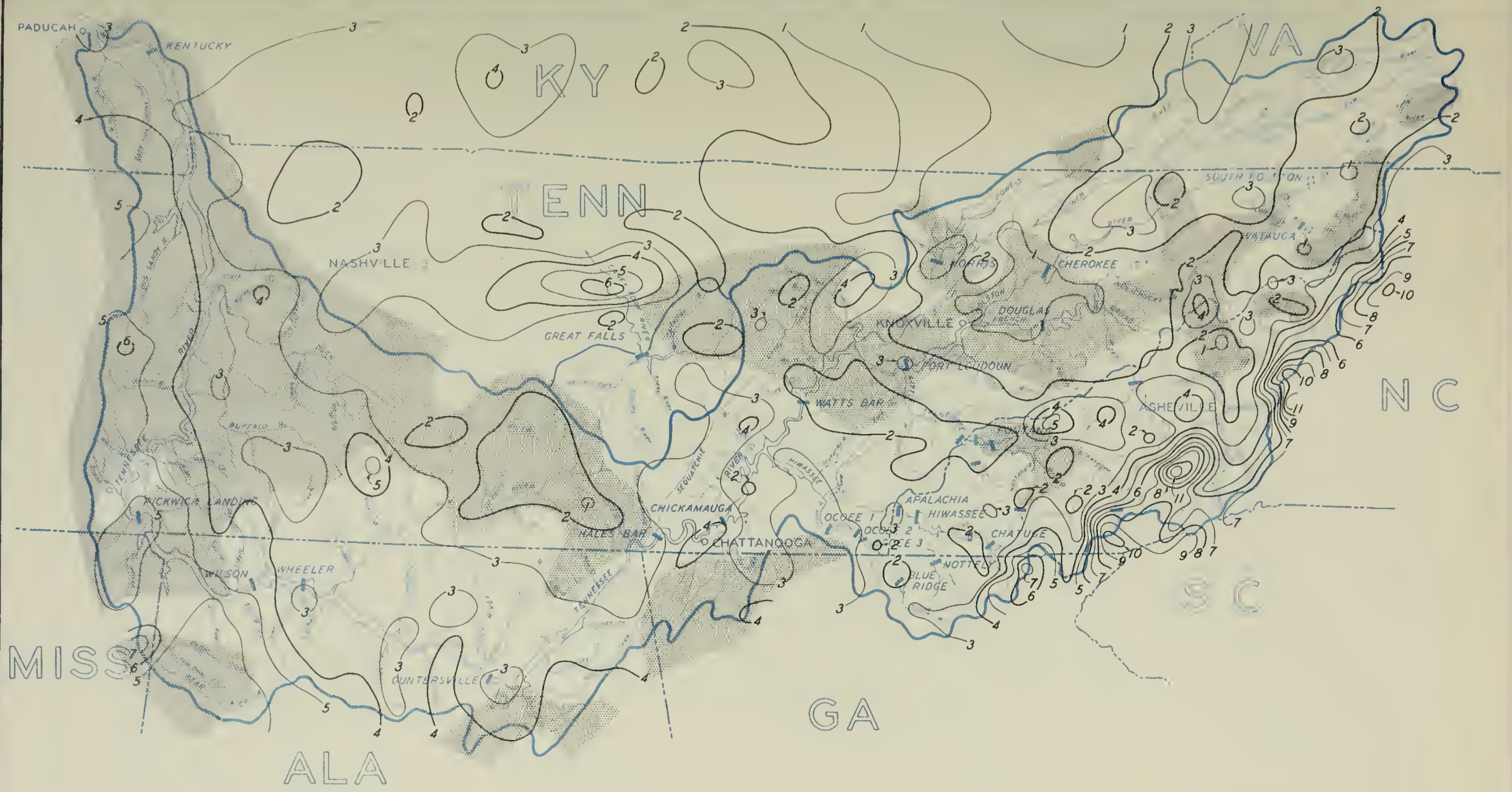
SYMBOLS:

—4—	Rainfall in Inches
—·—·—	State Lines
▨	Area Affected by Drought
▬	Dams
▭	Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA DIVISION

TENNESSEE RIVER BASIN
PRECIPITATION–AUGUST 1948

SCALE 10 0 10 20 30 40 50 MILES



DROUGHT IS A PERIOD OF 21 OR MORE CONSECUTIVE DAYS DURING WHICH LESS THAN ONE-THIRD OF NORMAL RAINFALL OCCURRED, EXCEPT THAT DURING NO INTERVAL OF 21 CONSECUTIVE DAYS IN THIS PERIOD SHALL THE RAINFALL EXCEED ONE-THIRD OF NORMAL.

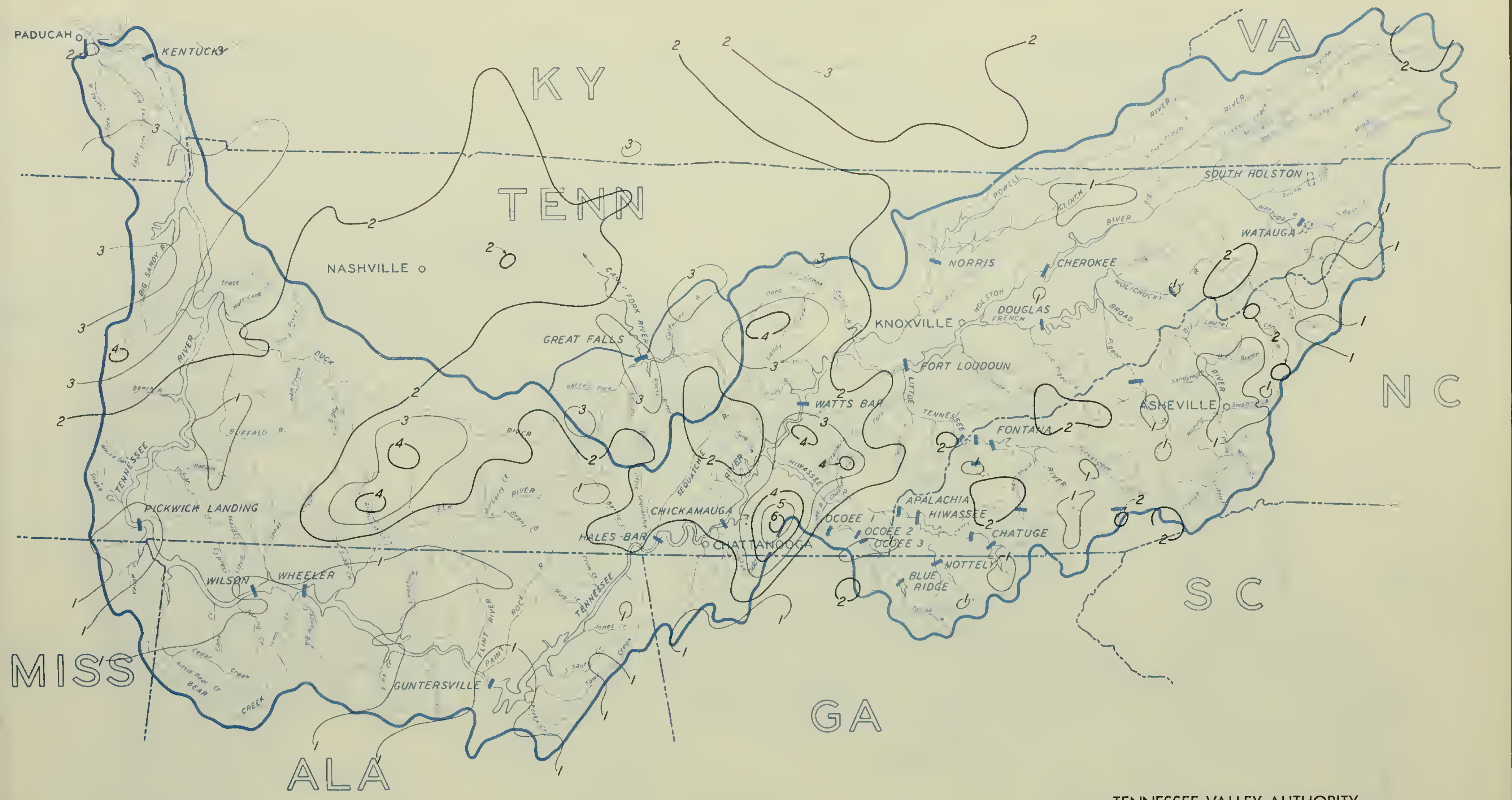
SYMBOLS:

—4—	Rainfall in Inches
▨	Area Affected by Drought
—·—	State Lines
▬	Dams
·	Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION—SEPTEMBER 1948

SCALE 10 0 10 20 30 40 50 MILES



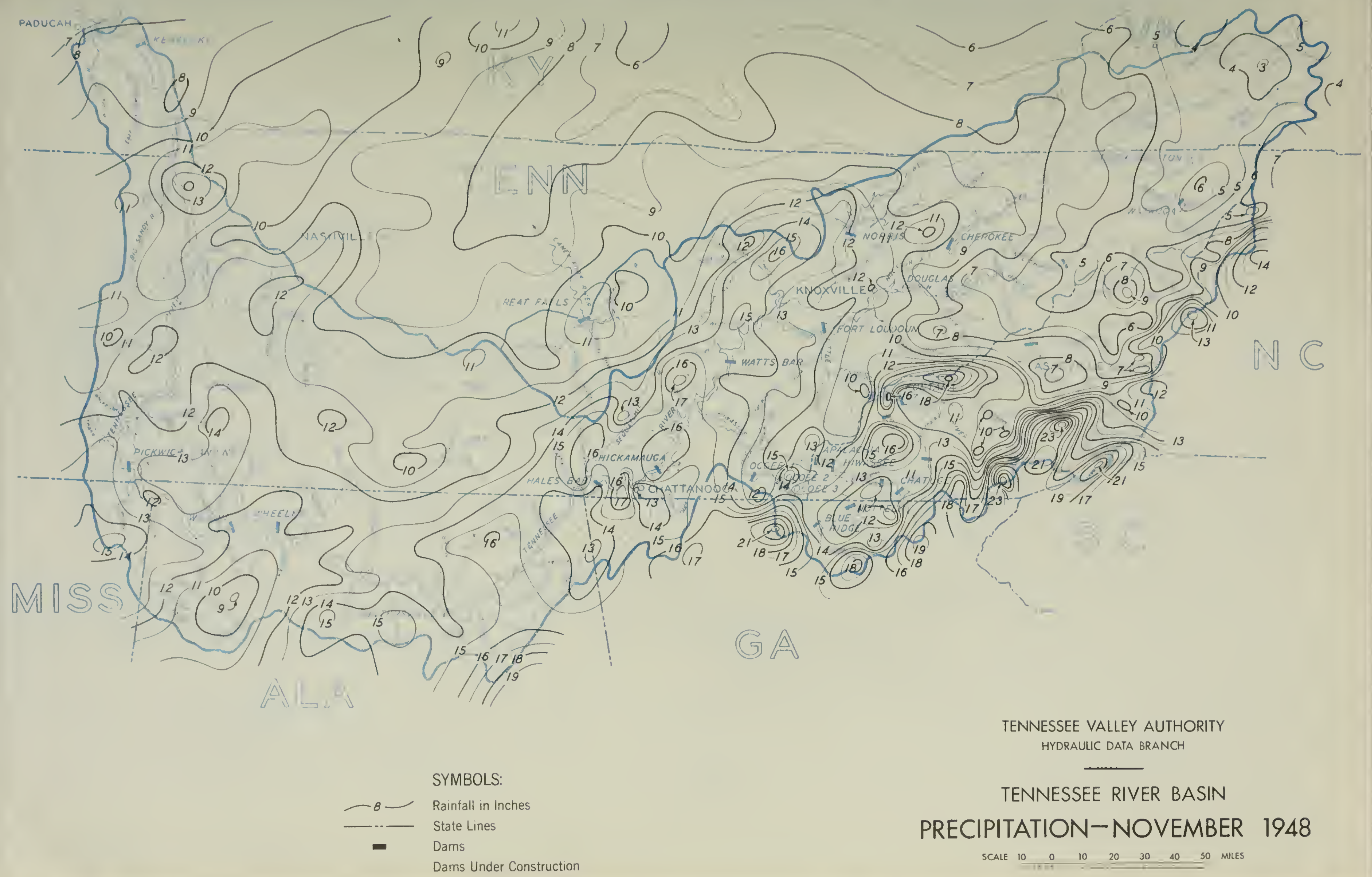
SYMBOLS:

- —2— Rainfall in Inches
- —·— State Lines
- ▬ Dams
- Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION — OCTOBER 1948

SCALE 10 0 10 20 30 40 50 MILES



SYMBOLS:

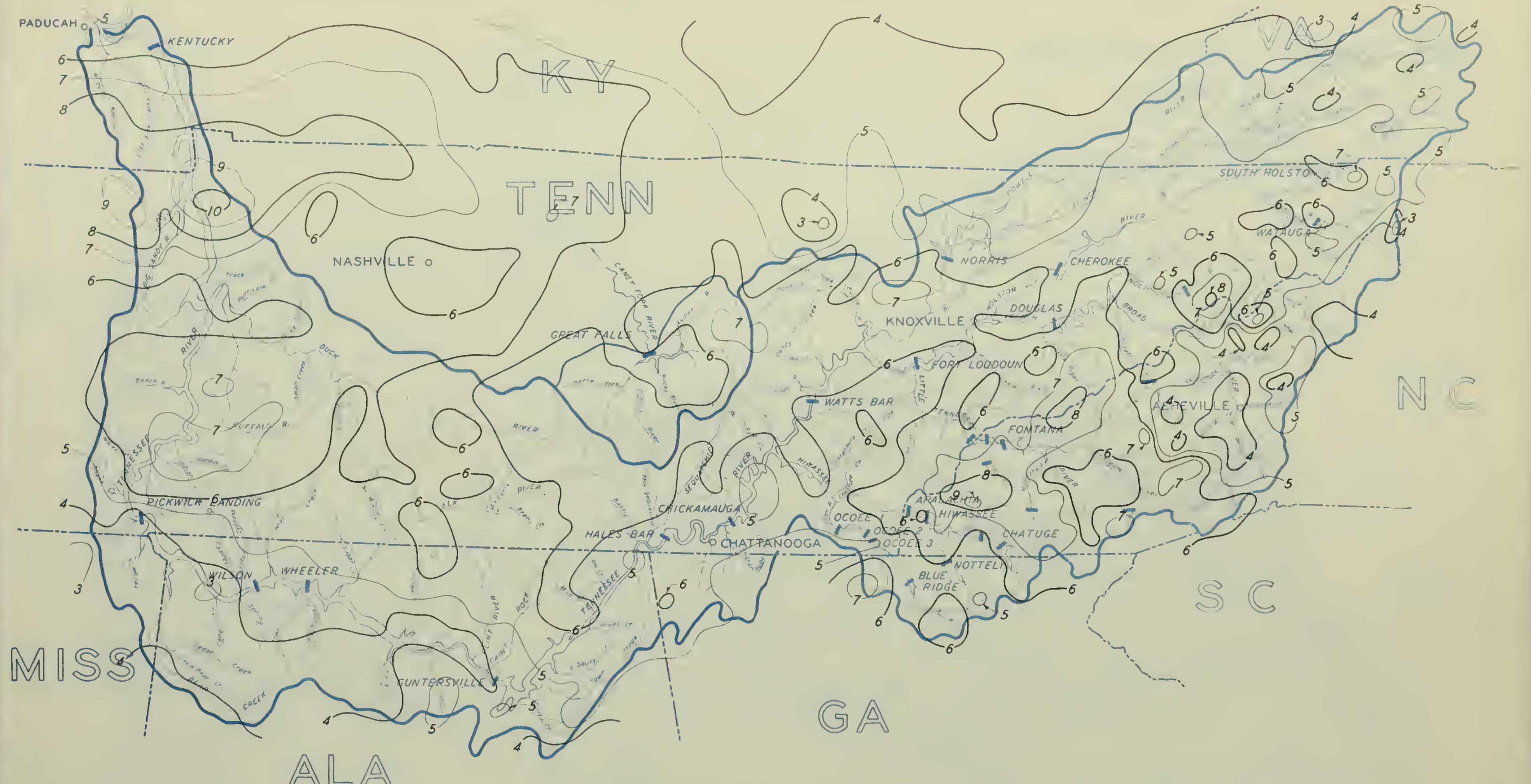
- Rainfall in Inches
- State Lines
- Dams
- Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN

PRECIPITATION—NOVEMBER 1948

SCALE 10 0 10 20 30 40 50 MILES



SYMBOLS:

- 6 — Rainfall in Inches
- State Lines
- ▬ Dams
- Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION–DECEMBER 1948

SCALE 10 0 10 20 30 40 50 MILES

551.57
T25p1
1949

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

PRECIPITATION
IN TENNESSEE RIVER BASIN
ANNUAL 1949

PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1949

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TENNESSEE VALLEY AUTHORITY
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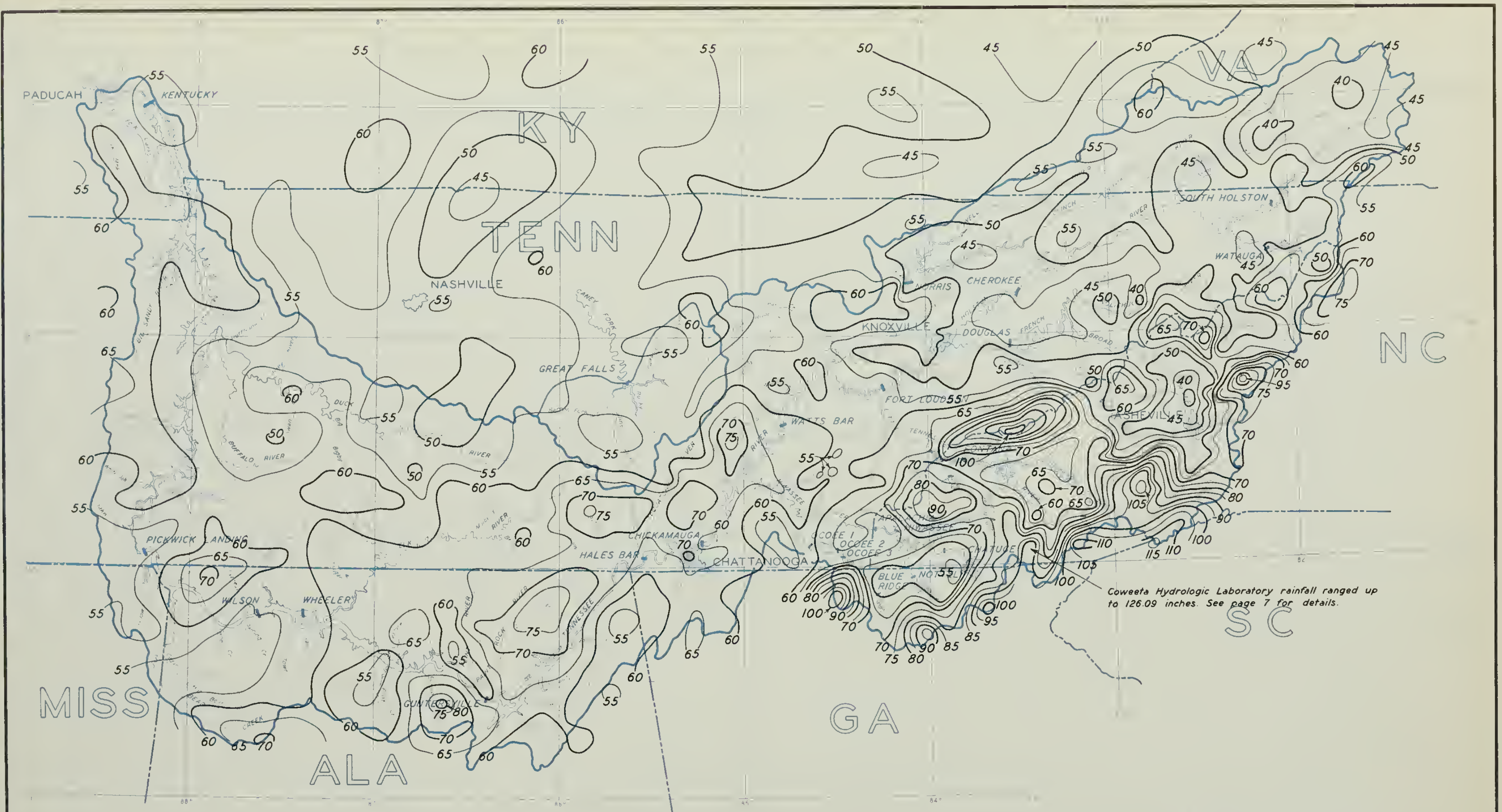
DIVISION OF WATER CONTROL PLANNING
JAMES S. BOWMAN, Chief Water Control Planning Engineer
HYDRAULIC DATA BRANCH
ALBERT S. FRY, Chief of Branch

PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1949



Coweeta Hydrologic Laboratory rainfall ranged up to 126.09 inches. See page 7 for details.

SYMBOLS:

60 Rainfall in Inches

State Lines

▬ Dams

⬚ Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION—YEAR 1949

SCALE 0 10 20 30 40 50 MILES

551.57
T25p1
1949

PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1949

The second wettest year in TVA experience occurred over the Tennessee River Basin in 1949. The Valley-wide average precipitation of 58.82 inches was 7.15 inches above the normal 51.67 inches. Rainfall in the area above Hales Bar was 58.03 inches, 7.18 inches greater than the normal 50.85 inches. In the area below Hales Bar, the average of 59.70 inches exceeded the normal 52.57 inches by 7.13 inches. Monthly precipitation was above normal in five months: January, June, July, August, and October. January was the wettest month and November was the driest.

Although the year 1949 was not quite as wet over the whole Valley as 1948 was, a number of individual stations reccrded greater amounts than in 1948. Of the stations that are regularly published, three registered annual totals in excess of 110 inches and six others recorded precipitation amounts of 100 to 110 inches. The maximums among these stations were 115.06 inches at Sassafras Mountain, South Carolina, and 114.44 inches at Highlands, North Carolina, both located along the Blue Ridge. The Highlands catch exceeded by 3.6 inches the seven-year record set at the station in 1948 and surpassed by 3.2 inches any calendar year total ever measured in 61 years of record at the nearby U.S. Weather Bureau gage. The latter station recorded total precipitation of 106.86 inches in 1949.

Even these high annual totals were exceeded, however, by the 1949 rainfall in the Coweeta Hydrologic Laboratory watershed of the U.S. Forest Service. In this 5,400-acre area, located in the Little Tennessee River headwaters, a maximum catch of 126.09 inches was recorded at daily gage No. 8. This amount was 10.4 inches greater than the 1948 total and 33.6 inches greater than the 14-year average of 92.5 inches at the station.

Three stations, two located in the headwaters of the Holston River and one in the French Broad River area, recorded less than 40 inches of precipitation in 1949. The minimum was 35.05 inches at Holston, Virginia. The low station in the French Broad River watershed was Weaverville, North Carolina, located approximately 7 miles north of Asheville. In the past three years of record this station has averaged less than 35 inches, despite the fact that it is almost surrounded by areas having extremely high rainfall.

The maximum monthly amounts in 1949 occurred in July when exceptionally heavy rain fell along the Blue Ridge. Sassafras Mountain, South Carolina, recorded 19.14 inches in this month and Caesars Head, South Carolina, registered 18.95 inches. The greatest precipitation recorded in 24 hours was 9.94 inches at Mount Mitchell, North Carolina, on June 15-16. The total catch at this station for the 68-hour storm period on June 14-16 was 13.90 inches.

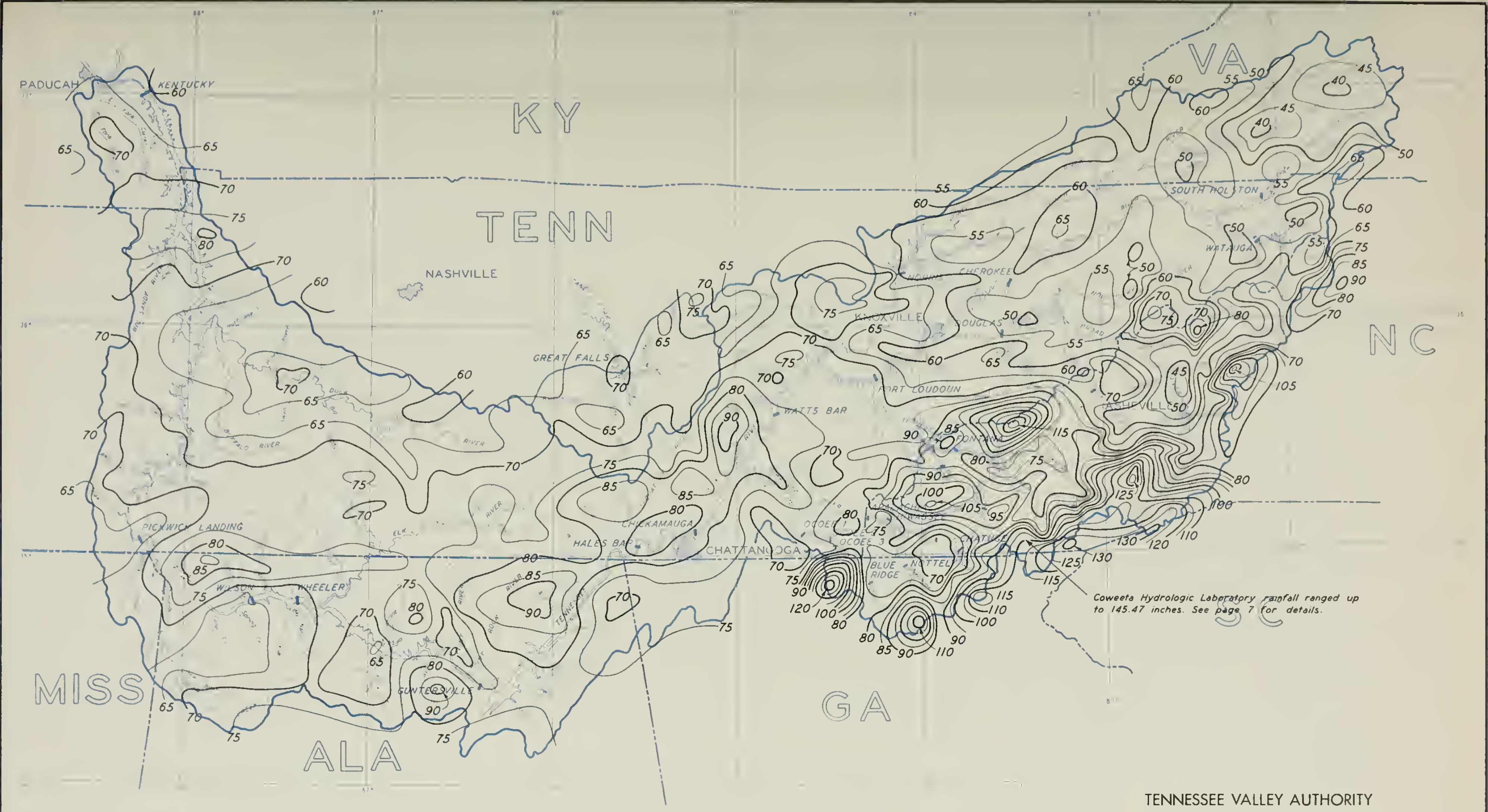
Among the watershed subdivisions, the French Broad River area above Blantyre, North Carolina, was a maximum for the tenth time in thirteen years of available record. The total over the area for 1949 was 96.9 inches, or 24.8 inches above the thirteen-year average. During the year the Blantyre area exceeded all others in the Valley in April, July, August, October, and December. Of the ten other watershed subdivisions averaging 70 inches or more, nine were in the southeastern part of the Valley and only one, the Paint Rock River area above Woodville, Alabama, was in the western half. The minimum subdivision average precipitation was 43.7 inches over the North Fork Holston River area above Gate City, Virginia. Seven other areas averaging less than 50 inches were located in the Clinch, Holston, and French Broad River watersheds.

The pattern of rainfall distribution as shown by the annual isohyetal map was similar to that of 1948. Heavy rain occurred along the mountainous Basin boundary in Georgia and North Carolina with very steep gradients to the shielded valleys beyond. Differences of 40 to 45 inches occurred in distances of 12 miles or less. A band of heavy precipitation again stretched northeastward along the Cumberland Plateau from Center Grove, Alabama, near Guntersville Dam to the headwaters of Sequatchie River. Annual amounts in this band were exceeded only by those in the mountain area.

Snowfall was of little consequence in 1949. Over much of the Valley measurable depths occurred only in January. Of the 331 stations reporting complete records of snowfall, 85 percent had depths of 5 inches or less for the year, and 10 percent ranged between 5 and 10 inches. Whitetop Mountain, Virginia, recorded the maximum depth of 47.7 inches. Other stations reporting over 20 inches were Mount Mitchell, North Carolina, with 36.0 inches, Parker, North Carolina, with 23.2 inches, and Crandull, Tennessee, with 28.0 inches. Burkes Garden, Virginia, which was the maximum station in 1947 and 1948, reported only 10.8 inches. Observations made in connection with the snowfall study in the Great Smoky Mountains showed a range in annual snow depths from 1 or 2 inches at the lower elevations to 24.1 inches at Newfound Gap. Records are incomplete for the Clingmans Dome station, but snowfall was heavier there than at the Gap. The average snowfall in the Tennessee Valley west of Chattanooga, based on records at 122 stations, was 3.2 inches. East of Chattanooga the average of 193 stations was 4.3 inches. Sixteen stations in the Caney Fork area above Great Falls Dam reported an average depth of only 2.2 inches.

Record Twelve-Month Precipitation, 1948-1949

The period beginning with the record rains of November 1948 and ending with the near-record rains of October 1949 was the wettest twelve months ever measured in the Tennessee Valley. Precipitation for the period ranged from 38 inches in the upper Holston River to 145.5 inches at one of the Coweeta watershed stations and averaged 69.55 inches over



Coweeta Hydrologic Laboratory rainfall ranged up to 145.47 inches. See page 7 for details.

SYMBOLS:

—90— Rainfall in Inches
—·—·— State Lines
▬ Dams
Dams Under Construction

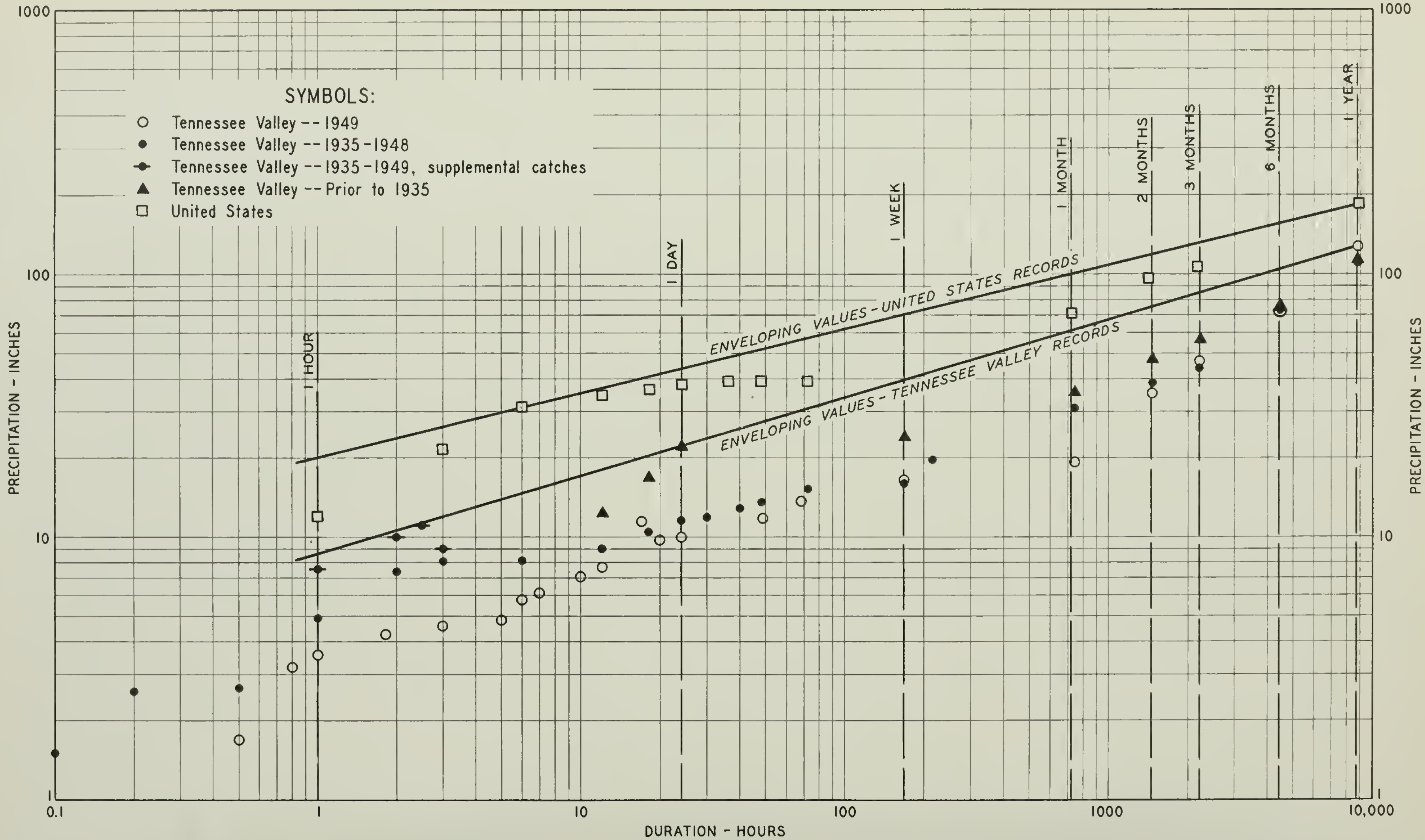
TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN

12—MONTH PRECIPITATION

NOVEMBER 1948—OCTOBER 1949

SCALE 0 10 20 30 40 50 MILES



Data on maximum point precipitation in the United States are based on U. S. Weather Bureau records.

MAXIMUM POINT PRECIPITATION
FOR VARIOUS TIME INTERVALS
IN THE
TENNESSEE VALLEY
AND IN THE UNITED STATES

the whole Valley. The nearest approach to this amount during the past 60 years was a twelve-month average of 65.88 inches occurring between October 1919 and September 1920. In the area below Chattanooga the 1948-1949 total of 71.27 inches was 0.05 inch greater than the previous record of 71.22 inches established in the October 1919-September 1920 period. In the area above Chattanooga the current period total was 68.05 inches as compared with the previous record of 65.83 inches in the twelve months ending with March 1902.

The distribution of rainfall over the Valley for the November 1948-October 1949 period is shown on the accompanying isohyetal map, page 3. The pattern is similar to that shown on the frontispiece for the calendar year 1949, but amounts are 10 to 20 percent greater.

More detailed information on this outstanding period is given in the October 1949 issue of this publication.

Maximum Point Precipitation--Calendar Year 1949

Maximum point precipitation in 1949 exceeded that recorded in 1948 for all time intervals except the one month period. The very heavy rainfall reported for the Big East Fork Pigeon, North Carolina, station in November 1948 surpassed by four inches the July 1949 maximum at Sassafras Mountain, South Carolina. All of the 1949 maximums were well below past records in the Valley, except the annual total at Coweeta No. 8 which set a new record for the Basin.

On the accompanying chart, page 4, the maximum point precipitation in the Tennessee Valley for the calendar year 1949 is compared with past records for the Valley and also for the United States as a whole.

Coweeta Hydrologic Laboratory Precipitation for 1949

The heaviest rainfall in eastern United States and an all-time record for the Tennessee Valley occurred in the Coweeta Hydrologic Laboratory area in 1949. This 8.4-square mile watershed is in the headwaters of Little Tennessee River 11 miles south of Franklin, North Carolina, and is an outdoor laboratory for watershed management research administered by the Southeastern Forest Experiment Station of the U.S. Department of Agriculture. Rising in the Nantahala Mountains in the vicinity of Pinnacle Mountain and Pickens Nose, the watershed slopes steeply to the northeast. Elevations range from approximately 5,000 feet in the south and west to 2,200 feet at the junction of the forks forming Coweeta Creek.

Precipitation has been measured on the watershed for 14 years or more. At the present time 62 daily rain gages and 13 recording rain gages are distributed throughout the area along 30 miles of foot trails.

Rainfall data for the Coweeta area have been furnished by the Southeastern Forest Experiment Station through Mr. Edward A. Johnson, Technician in charge, Coweeta Hydrologic Laboratory.

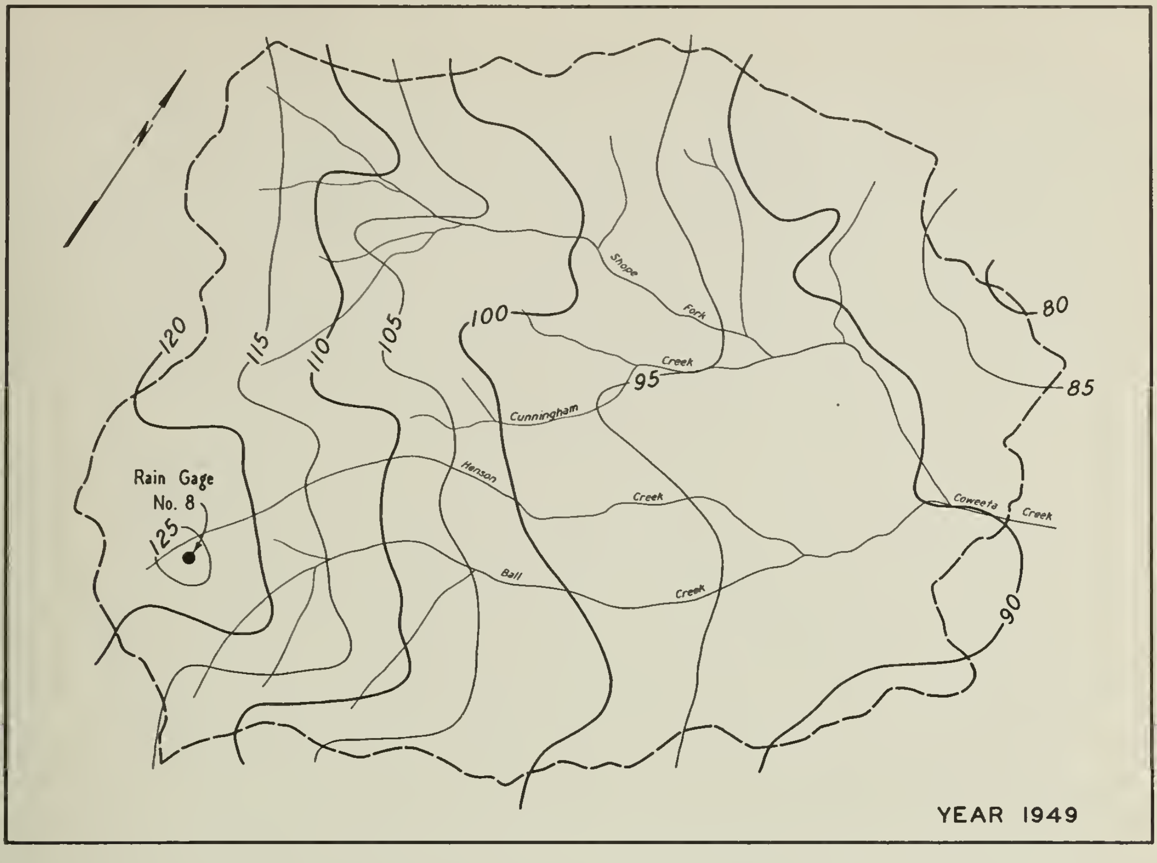
The precipitation of the past two years has been exceptional in the experience on the Coweeta watershed. Prior to 1948, the annual catch even at the high altitude stations averaged around 85 to 87 inches. In 1948, twenty-two of the 61 daily gages then in operation recorded between 100 and 115.7 inches and the average precipitation over the whole watershed was 95.5 inches. In 1949, a total of 30 daily gages recorded amounts ranging from 100 to 126.1 inches and the average for the watershed was 101.0 inches.

The period from November 1948 through October 1949 was even more remarkable. In this twelve months all but one of the daily rain gages in the area caught more than 100 inches of rainfall and 17 of them recorded over 130 inches. The maximum was 145.5 inches and the average for the whole watershed was 119.3 inches.

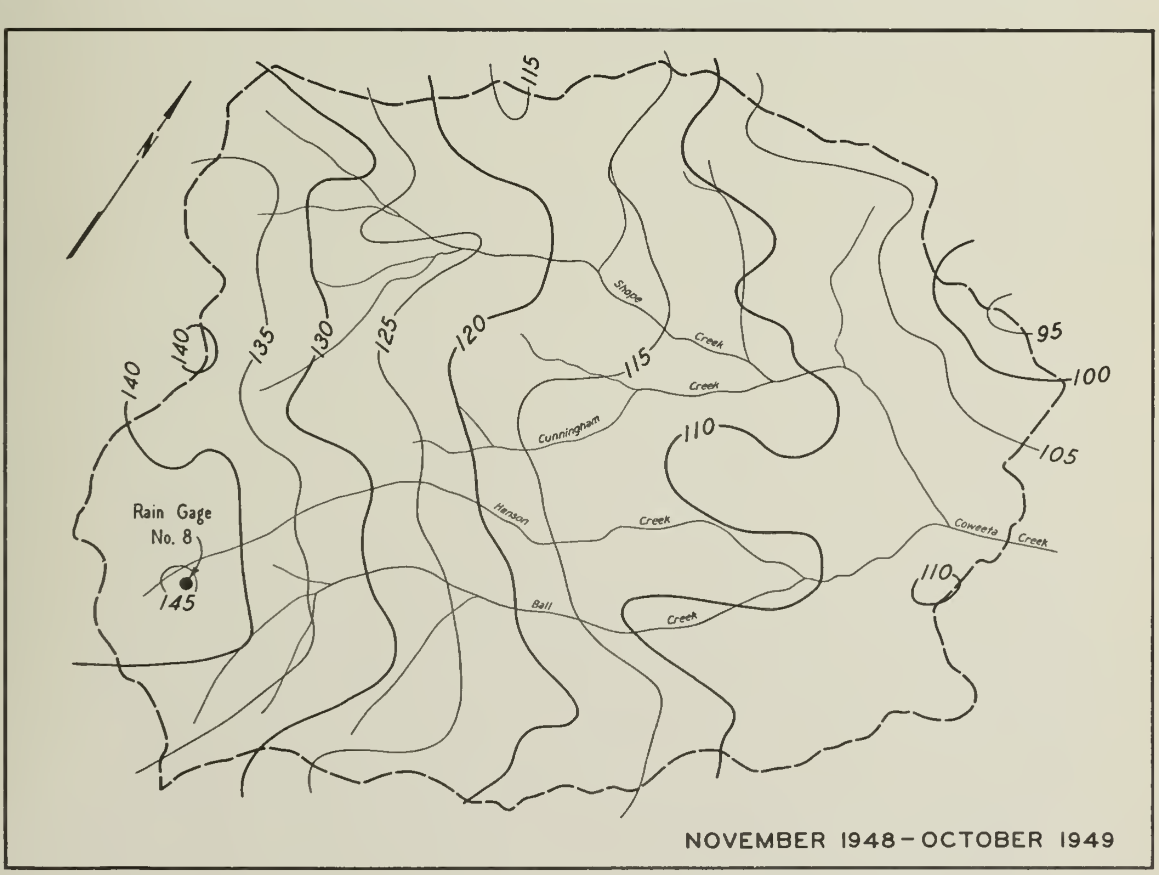
The maximum station in 1948 and 1949 was daily gage No. 8, located in the southwestern part of the watershed at elevation 3,900 feet. Mooney Gap, 1,500 feet to the southwest of gage No. 8, is at elevation 4,500 feet. Big Butt, one-half mile to the northwest of the gage, rises to approximately 5,100 feet while Pickens Nose, three-quarters of a mile southeast, reaches an elevation of about 4,900 feet. Slopes on both sides of the Gap are very steep. Apparently, the moisture-bearing winds, which are predominantly from the south and west, are funnelled through Mooney Gap and over the gage.

In the following tabulation, the monthly precipitation at daily gage No. 8 for 1948 and 1949 is compared with the station mean for the period 1936-1949. As a matter of interest the maximum of record for each month is also shown.

	Coweeta Daily Gage No. 8 Monthly Precipitation - Inches				
Month	1948	1949	Mean	Maximum	Year
January	7.48	13.27	8.91	17.45	1937
February	11.94	9.10	8.85	20.68	1939
March	16.37	8.09	10.05	16.37	1948
April	3.55	10.67	7.39	12.76	1936
May	6.12	8.74	6.14	13.08	1946
June	5.09	14.72	6.20	14.72	1949
July	12.99	12.19	9.14	16.28	1938
August	9.56	12.27	7.60	20.81	1940
September	7.15	7.93	6.26	10.37	1936
October	1.91	14.96	5.94	14.96	1949
November	24.20	2.13	7.02	24.20	1948
December	9.33	12.02	8.98	17.77	1949
Total	115.69	126.09	92.48	126.09	1949



YEAR 1949



NOVEMBER 1948 – OCTOBER 1949

—100— Precipitation-Inches

Data from U. S. Forest Service,
Coweeta Hydrologic Laboratory

COWEETA HYDROLOGIC LABORATORY

EXCESSIVE 12-MONTH PRECIPITATION

SCALE 0 1000 2000 3000 4000 FEET

The distribution of precipitation for the calendar year 1949 and for the twelve-month period from November 1948 through October 1949 is shown on the accompanying maps, page 7.

The Coweeta watershed is not necessarily the highest rainfall area in the Tennessee Valley. The heavy precipitation measured at other gages in the mountainous portion of the Valley suggests the possibility that similar areas exist elsewhere along the Blue Ridge.

Rainfall-Altitude Studies

While precipitation in the Tennessee Valley generally increases with altitude, there are situations where this relationship does not hold true. For example, in the headwaters of Holston River a rain gage on mile-high Snake Mountain averaged, over a 14-year period, only 70 to 80 percent of the catch at valley stations around it. A two-year study of the precipitation at this locality is described below. A similar condition now being studied at Spring Creek, Virginia, tends to confirm the findings at Snake Mountain. On the other hand, the Center Grove, Alabama, station, which was reported on in the 1948 Annual, continues to show the effect of even minor changes in elevation in increasing rainfall catch. More typical of rainfall-altitude conditions in the Valley are the results of observations of a series of gages across the Great Smoky Mountains which show an increase of approximately 50 percent in rainfall with a rise of 3,000 to 4,000 feet in altitude.

Snake Mountain, North Carolina, Study--During nearly fourteen years of record, from June 1935 to April 1949, the recording rain gage on Snake Mountain, North Carolina, caught substantially less precipitation than its neighbors. In at least 13 months of this period the catch at the station was a minimum for the whole Tennessee Valley.

In November 1946, a cooperative investigation was initiated by the Tennessee Valley Authority and the U.S. Weather Bureau to learn something about the extent and probable causes of the low rainfall on the mountain. This study was terminated on April 30, 1949, after 29 months of observation.

The Snake Mountain gage, designated as No. 302 in the Tennessee Valley network, was located in Watauga County, North Carolina, near where the Tennessee-North Carolina line intersects the Valley boundary. Snake Mountain, in the Blue Ridge range of mountains, forms part of the divide between the Watauga River watershed of the Tennessee River system and the North Fork New River watershed of the New-Kanawha River system.

As shown on the map on page 11, Snake Mountain rises rapidly from a general valley elevation of 3,200 feet to a very sharp north-south crest with an elevation just under 5,600 feet. From about elevation 4,400 feet upward, both the east and west slopes rise at an average rate of 5 feet in 10 feet. Below this elevation the slopes are about half as steep. This elevation also marks approximately the lower limit of forest cover which extends from the 4,400-foot level to the crest of the ridge. To the south the mountain drops off rapidly to Rich Mountain Gap which is at an elevation just above 4,400 feet.

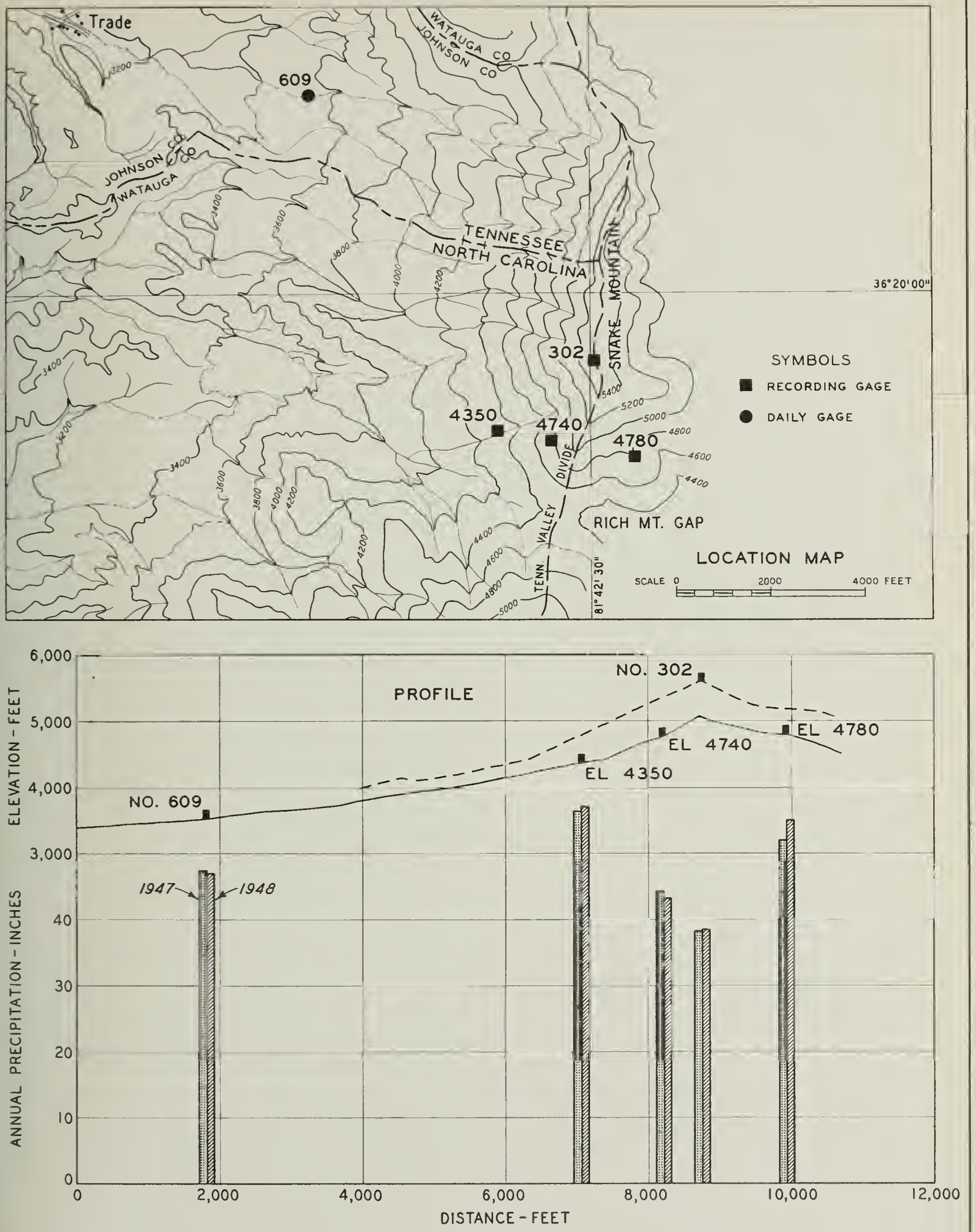
The map also shows the original gage, No. 302, and the three additional recording gages installed in November 1946. Two of these were on the west slope at elevations 4,350 feet and 4,740 feet, and one was on the east slope at elevation 4,780 feet. Station No. 609, Trade, at elevation 3,530 feet, was used as a measure of the precipitation along the foot of the mountain.

On page 11 the annual precipitation for the two full years 1947 and 1948 at these five rainfall stations is shown in relation to the profile position of each gage. Station No. 609 has been projected onto the profile through the three new gages and a parallel profile has been drawn through No. 302.

The annual data showed an average 20 percent increase in rainfall with altitude from the valley station No. 609 to the sharp break in the mountain slope at approximate elevation 4,400 feet. From this point the rainfall catch decreased rapidly and the precipitation at station No. 302 averaged only 65 percent of that at elevation 4,350 feet and 78 percent of that at No. 609. On the east slope the rainfall again increased rapidly below the crest of the ridge, and the catch at elevation 4,780 feet was nearly the same as at elevation 4,350 feet on the west side.

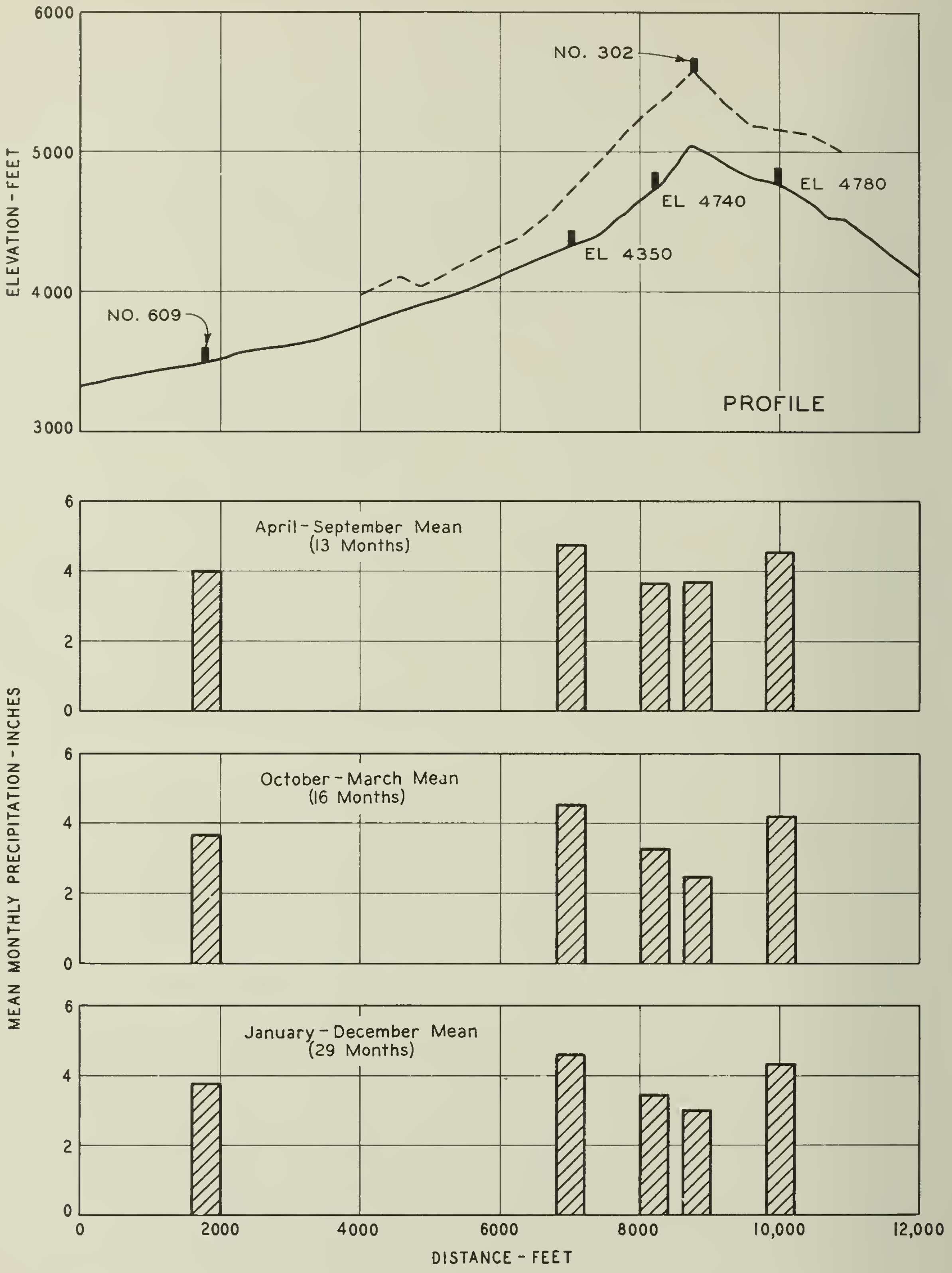
The pattern of precipitation across the mountain varied seasonally, the sharp drop at the ridge-top gage being more pronounced in the October to March period than in the April to September period. This condition is shown on page 12 where the rainfall data have been reduced to mean monthly values for the two six-month periods and for the whole period of record. A probable explanation for the more even distribution in the summer period is that rainfall in these months falls largely in showers, and the orographic effect is at a minimum. From October through March, however, much of the precipitation results from cyclonic circulation across the Valley. In these months the pattern was exaggerated, and precipitation at elevation 4,350 feet was nearly twice that at the top of Snake Mountain.

It was concluded from the study that the precipitation at station No. 302 could not be regarded as representative of an area larger than perhaps a half-mile band along the top of Snake Mountain. The low catch at the ridge-top station was attributed to a combination of updraft and carry-over of moisture-laden air because of the steep slope and narrow crest of the ridge. The low catch at elevation 4,740 feet was attributed to the effect of updraft alone. It appeared possible that the location of this gage with respect to Rich Mountain Gap may have placed it in the zone of wind acceleration resulting from the funnel effect noted in the passes of most mountain escarpments. Under such conditions the gage would be subject to more than normal updraft.



SNAKE MOUNTAIN, NORTH CAROLINA

PRECIPITATION STUDY



SNAKE MOUNTAIN, NORTH CAROLINA

SEASONAL PRECIPITATION

1946 - 1949

As a result of this study, the station on top of Snake Mountain was discontinued, and the gage at elevation 4,350 feet was substituted for it in the Valley network. A comparison of the record at the latter gage with others in the general vicinity indicates that it is fairly representative of this portion of the Valley divide.

Spring Creek, Virginia, Study--Along the sharp ridge of Clinch Mountain marking the divide between the Clinch and Holston Rivers a situation exists which is somewhat similar to that on Snake Mountain.

Station No. 355, Spring Creek, Virginia, located on the top of Clinch Mountain, has been in operation for fourteen years. In thirteen of these fourteen years the Spring Creek gage has caught substantially less rainfall than the average of three surrounding stations which are at elevations 700 to 1,400 feet lower. In all but two of these years its catch has been less than at any one of the other three stations. Over the period of record the annual precipitation at Spring Creek has averaged 85 percent of that at the neighboring gages, all three of which are within a twelve-mile radius.

Clinch Mountain in the vicinity of the Spring Creek gage is a steep-sloped, sharp-topped ridge extending in a northeast-southwest direction. The recording rain gage is located just above a gap at elevation 3,180 feet. The mountain on either side of the gap rises to elevations of 3,600 to 3,800 feet. The valley floors, which are about a mile away to the north and south, are at an elevation of 2,200 to 2,300 feet.

In May 1949, soon after the Snake Mountain study was concluded, three additional rain gages were installed in the Spring Creek vicinity. A recording gage was placed in the valley on the north at elevation 2,340 feet. Another recorder was installed half way up the north side at elevation 2,720 feet. A daily rain gage was established in the valley on the south side at elevation 2,220 feet.

During the four summer season months, June through September, the rainfall shown by the four gages was practically uniform. Beginning in October, however, a definite change took place and the ridge-top gage began registering less precipitation than either side. By February 1950 the accumulated rainfall for the winter period was 20 percent greater on the north side than at the top and 40 percent greater in the valley on the south side. The records are shown in the table below.

	Precipitation - Inches			
Period	Elevation 2,340	Elevation 2,720	Elevation 3,180	Elevation 2,220
June-September	15.60	16.34	16.07	16.10
Percent of ridge gage	97	102	100	100
October-February	17.65	17.85	14.71	20.59
Percent of ridge gage	120	121	100	140
Nine months total	33.25	34.19	30.78	36.69
Percent of ridge gage	108	111	100	119

During the four summer months the three surrounding gages, Marion, Saltville, and Tazewell, averaged 18.24 inches. During the October to February period the same three gages averaged 19.65 inches.

This study is incomplete and it will be reported on more fully at the end of 1950.

1949 Precipitation at Center Grove, Alabama--The situation at this station was discussed in the 1948 Annual. The gage is located in a deeply dissected plateau area 15 miles west of Guntersville Dam. The small valley in which it is placed faces southward with a steep slope ranging from an elevation of 600 feet at the bottom to 830 feet at the top. The gage is at an elevation of 780 feet. The general topographic situation is such that warm, moist air flowing into the Tennessee Basin from the south and southwest is trapped in this small valley and forced to rise past the gage.

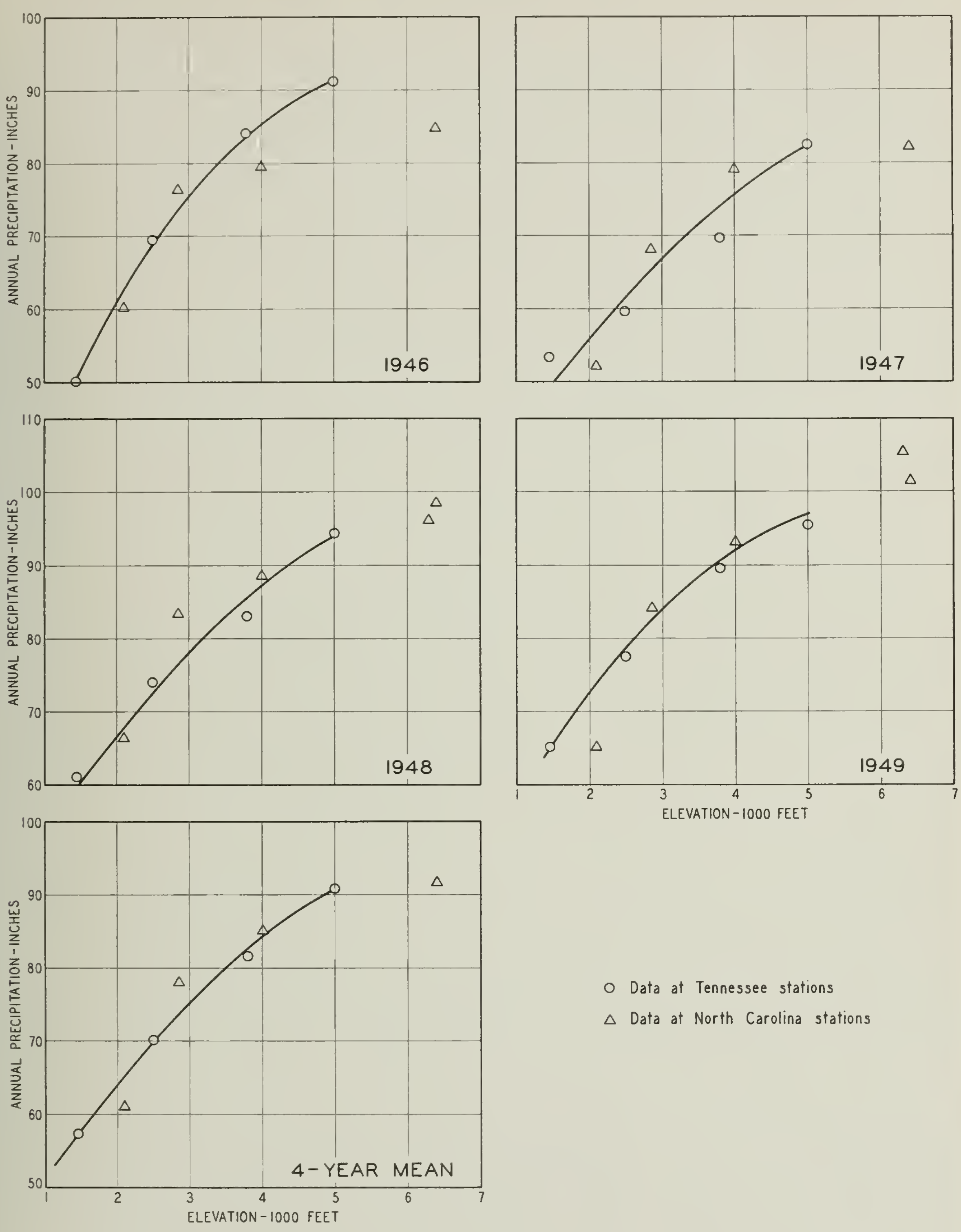
In 1947 and 1948, and again in 1949, the Center Grove gage recorded more precipitation than any other Tennessee Valley gage west of Chattanooga. The total for 1949 was 80.55 inches, or 16 to 24 inches more than its immediate neighbors. During the last four years Center Grove has averaged 80.0 inches of precipitation per year as compared to an average of 58.6 inches at four surrounding gages.

Precipitation Variations Across the Great Smoky Mountains--In December 1945 an investigation of snowfall and related weather data was begun in the Great Smoky Mountains by the U.S. Weather Bureau, the National Park Service and the Tennessee Valley Authority, working cooperatively. Part of this investigation included the establishment of a series of seven measuring stations across the Great Smoky range along the highway between Gatlinburg, Tennessee, and Cherokee, North Carolina. The precipitation gages at these seven stations were observed throughout the year.

On the North Carolina side of the mountains the gages were installed at elevations of 2,100 feet, 2,850 feet, and 4,000 feet. In Tennessee, a gage was placed at Newfound Gap, elevation 5,000 feet, and three additional gages were installed at elevations of 3,800 feet, 2,500 feet, and 1,460 feet. These seven gages lie along a fairly straight line extending northwestward for 18 miles with Newfound Gap at approximately the midpoint. In addition to these gages another station was later established on the southwest slope of Clingmans Dome 5 miles southwest of Newfound Gap at elevation 6,300 feet. Farther up the mountain from this station is recording gage No. 184 which has been in operation for 14 years. Its elevation is 6,400 feet.

The year 1949 completed four full years of record at the Great Smoky Mountain gages. The data have shown a very interesting increase in precipitation with altitude.

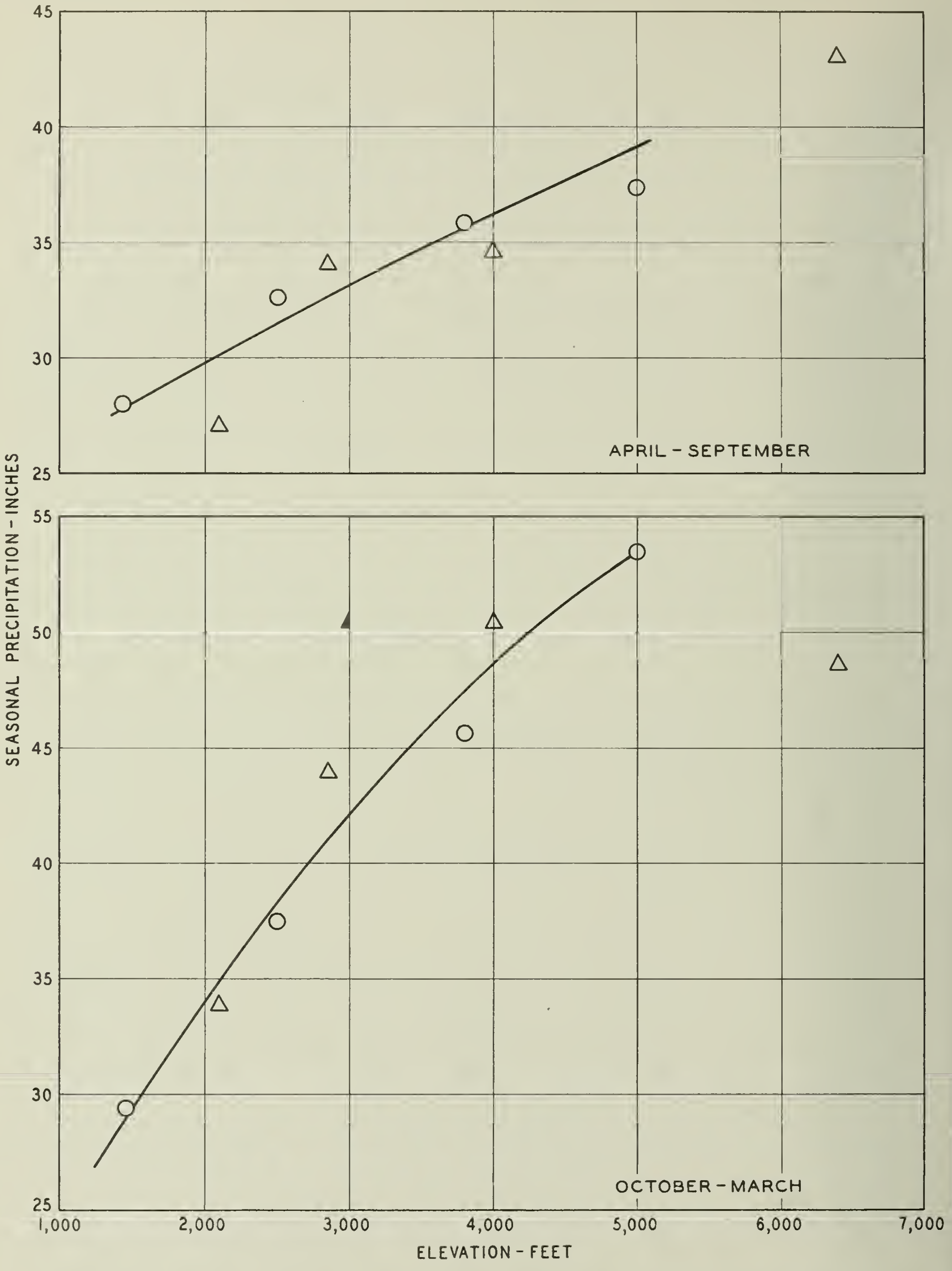
On page 15 the annual totals at the Great Smoky Mountain gages have been plotted against elevation for each of the four years of record



GREAT SMOKY MOUNTAINS

PRECIPITATION vs ALTITUDE

ANNUAL VARIATIONS



○ Data at Tennessee stations

△ Data at North Carolina stations

GREAT SMOKY MOUNTAINS

PRECIPITATION vs ALTITUDE

SEASONAL VARIATIONS

and for the average of the period. Data for the gages on the northwest or Tennessee side of the mountains and on the southeast or North Carolina side have been distinguished by symbols. Although the two Clingmans Dome records have been plotted, they have not been considered in drawing the curves since the exposure of these two gages is quite different from that at the others. It will be noted that, in general, the rainfall-altitude relationship is more uniform for the Tennessee points than for those on the North Carolina side.

On page 16 the records have been reduced to seasonal averages, using the same two six-month periods that were considered in the Snake Mountain study. The points on these curves represent the four-year means of the total precipitation falling between October and March and between April and September. Here again the effect of altitude is more pronounced during the winter season of general cyclonic storms.

Sixty-Year Precipitation Averages, 1890-1949

For several years the annual issues of this publication have carried a tabulation of mean monthly precipitation over the Tennessee River Basin above Chattanooga for each year since 1890. During the past year a similar table has been prepared for the area below Chattanooga and the two have been combined by areal proportion into a tabulation for the whole Tennessee River Basin. Both the above and below Chattanooga values are based on weighted means of available precipitation records, using the Thiessen method of weighting each station.

The three tabulations covering the 60-year period from 1890 through 1949 are on pages 21, 22, and 23 of this issue.

Special Reports

A total of eighteen special investigations of storms and other phenomena in the Tennessee Valley were reported upon in monthly issues of this publication during 1949. A list of these reports, together with the date of the issue in which they were published, follows:

SPECIAL STORM INVESTIGATIONS DURING 1949

Storm	Monthly Bulletin Containing Report
Storm of February 13-15, 1949, in the Clarks River Area	February
Tornado of April 12, 1949, near Flintstone, Georgia	April
Intense Rain of April 13, 1949, near Plasterco, Virginia	April
Frosts of April 1949 in Upper French Broad River Area	May
Windstorms of May 1, 1949, in Middle Tennessee Area	May
Hail Storm of May 10, 1949, near Hartford, Tennessee	May
Hail Storm of May 10, 1949, at Allison Gap, Virginia	May
Tornado of May 20, 1949, near Tazewell, Tennessee	May
Hail Storm of May 20, 1949, near Cloverdale, Alabama	May
Storm of June 4, 1949, on Hickory Valley Branch near Sparta, Tennessee	June
Storm of July 16, 1949, near Morristown, Tennessee	July
Storm of July 16, 1949, near St. Charles, Virginia	July
Storm of July 19, 1949, on Allens Branch near Sylva, North Carolina	July
Waterspout on Chickamauga Lake	August
Record Heavy Rainfall, November 1948-October 1949	October

SPECIAL STORM INVESTIGATIONS DURING 1949--Continued

Storm	Monthly Bulletin Containing Report
Storm of October 6, 1949, in Copper Basin Area, Tennessee	October
Flood of October 31, 1949, on Tellico River	October
Tornadoes of November 24, 1949, in North Alabama	November

TENNESSEE RIVER BASIN PRECIPITATION DURING 1949

Precipitation in Inches

Month	Above Hales Bar 1949	Below Hales Bar 1949	Tennessee River Basin			
			1949	Normal	Deviation from Normal Monthly	Deviation from Normal Cumulative
January	6.49	10.88	8.54	4.69	+3.85	+3.85
February	3.80	4.15	3.96	4.34	-0.38	+3.47
March	4.54	6.32	5.37	5.41	-0.04	+3.43
April	4.81	3.56	4.23	4.54	-0.31	+3.12
May	3.58	4.28	3.91	4.29	-0.38	+2.74
June	5.40	6.86	6.08	4.40	+1.68	+4.42
July	7.98	5.24	6.70	4.79	+1.91	+6.33
August	6.23	4.07	5.22	4.44	+0.78	+7.11
September	2.97	2.43	2.72	3.20	-0.48	+6.63
October	6.22	5.72	5.99	3.21	+2.78	+9.41
November	2.24	1.10	1.71	3.32	-1.61	+7.80
December	3.77	5.09	4.39	5.04	-0.65	+7.15
Total	58.03	59.70	58.82	51.67		+7.15

MAXIMUM PRECIPITATION

FOR VARIOUS TIME INTERVALS DURING 1949

Sta. No.	Station Name	Date of Record	Duration hours	Precipitation inches
385	Swaim, Ala.	May 20	0.3	1.20
163	Crossville (near), Tenn.	August 9	0.5	1.69
688	Bristol (near), Va.	August 9	0.6	1.84
261	Doggett Gap, N. C.	July 21	0.8	3.19
679	Hicksville, Ky.	August 12	1.0	3.55
464	Leapwood, Tenn.	August 6	1.2	3.08
204	Clayton, Ga.	July 15	1.5	3.30
431	Copperhill No. 2 Substation, Tenn.	October 6	1.8	4.24
501a	Ducktown, Tenn. (R)	October 6	2.0	3.58
8	Dover, Tenn.	August 16	2.6	4.07
488	Chattanooga Airport, Tenn. (R)	July 14	3	4.57
271	North Fork, N. C. (R)	June 16	4	4.40
254	Mt. Pisgah, N. C. (R)	June 16	5	4.85
254	Mt. Pisgah, N. C. (R)	June 16	6	5.72
254	Mt. Pisgah, N. C. (R)	June 16	7	6.12
254	Mt. Pisgah, N. C. (R)	June 16	8	6.42
254	Mt. Pisgah, N. C. (R)	June 16	9	6.67
254	Mt. Pisgah, N. C. (R)	June 16	10	7.07
254	Mt. Pisgah, N. C. (R)	June 16	11	7.47
254	Mt. Pisgah, N. C. (R)	June 16	12	7.67
254	Mt. Pisgah, N. C. (R)	June 16	13	7.97
254	Mt. Pisgah, N. C. (R)	June 16	14	8.15
254	Mt. Pisgah, N. C. (R)	June 16	15	8.37
254	Mt. Pisgah, N. C. (R)	June 15-16	16	8.52
284	Caesars Head, S. C.	July 12	17	11.50
233a	Mt. Mitchell, N. C. (R)	June 15-16	18	9.20
233a	Mt. Mitchell, N. C. (R)	June 15-16	19	9.40
233a	Mt. Mitchell, N. C. (R)	June 15-16	20	9.72
233a	Mt. Mitchell, N. C. (R)	June 15-16	21	9.86
233a	Mt. Mitchell, N. C. (R)	June 15-16	22	9.93
233a	Mt. Mitchell, N. C. (R)	June 15-16	24	9.94
233a	Mt. Mitchell, N. C. (R)	June 14-16	48	11.53
233a	Mt. Mitchell, N. C. (R)	June 14-16	68	13.90
284	Caesars Head, S. C.	July 12-18	168	15.88
640	Sassafras Mountain, S. C.	July	744	19.14
640	Sassafras Mountain, S. C.	July-August	1488	34.97
678	Davidson River F.R.S., N. C.	June-August	2208	46.21
640	Sassafras Mountain, S. C.	May-October	4416	71.95
200c	Coweeta No. 8, N. C.	Year 1949	8760	126.09

MEAN PRECIPITATION—INCHES

TENNESSEE RIVER BASIN

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1890	5.06	8.55	5.82	4.00	4.98	2.81	4.08	5.42	6.05	3.66	0.83	4.11	55.37
1891	5.71	9.11	9.13	2.94	1.88	5.46	5.05	3.87	1.50	0.73	4.74	4.44	54.56
1892	5.62	3.60	3.87	9.60	4.22	5.36	6.13	4.47	3.04	0.34	5.96	4.73	56.94
1893	2.10	7.07	2.79	5.69	7.59	4.78	3.24	2.79	4.28	2.13	2.21	2.98	47.65
1894	4.50	6.61	3.48	3.12	3.14	2.94	4.67	4.63	2.12	1.51	1.07	5.18	42.97
1895	6.77	1.79	5.64	3.93	3.98	3.44	6.28	4.26	2.07	1.90	2.46	4.00	46.52
1896	2.33	4.97	6.03	3.47	3.59	4.78	8.08	2.14	3.44	1.56	6.55	1.35	48.29
1897	3.23	5.51	11.23	5.59	3.18	3.40	5.51	3.05	0.50	1.99	2.70	5.74	51.63
1898	7.14	1.13	4.69	4.17	2.77	3.38	6.45	4.95	4.71	5.13	3.37	2.66	50.55
1899	4.98	7.19	9.97	3.52	3.20	3.20	4.74	3.04	1.78	2.42	2.36	5.29	51.69
1900	3.21	5.65	4.60	5.85	2.83	9.47	4.54	2.50	3.31	4.58	4.99	3.25	54.78
1901	4.68	1.90	5.22	5.48	4.97	4.16	2.58	11.86	4.28	1.46	1.50	8.24	56.33
1902	4.43	4.36	6.81	2.51	2.54	4.37	2.48	3.09	5.16	2.25	4.49	5.23	47.72
1903	3.09	9.04	6.75	5.00	4.32	5.12	4.16	3.50	0.85	2.21	3.59	2.92	50.55
1904	3.10	2.56	6.35	2.91	3.85	3.52	3.89	3.85	1.78	0.49	3.16	5.32	40.78
1905	3.83	5.39	3.70	3.56	5.67	5.71	4.98	5.34	2.27	4.78	1.44	5.82	52.49
1906	5.16	1.34	5.76	2.37	3.29	4.44	8.60	4.88	6.96	3.87	4.96	4.91	56.54
1907	2.08	3.82	4.41	4.38	5.70	4.67	4.46	3.56	5.80	1.89	5.28	4.42	50.47
1908	4.03	5.23	4.69	5.07	4.41	3.72	4.68	5.08	2.25	2.68	2.31	5.76	49.91
1909	3.25	7.37	6.33	5.29	6.34	7.35	5.18	2.92	3.79	2.79	1.41	3.97	55.99
1910	4.05	4.22	1.16	3.93	6.00	5.83	6.76	3.47	2.83	3.03	1.47	4.26	47.01
1911	4.65	4.20	3.63	8.55	1.95	3.54	5.10	4.68	2.87	4.15	4.19	7.74	55.25
1912	3.63	4.24	8.13	8.39	4.23	4.50	5.93	4.40	3.88	1.87	1.63	5.52	56.35
1913	8.45	4.95	7.45	2.56	4.66	3.06	3.45	2.91	4.05	2.84	1.46	3.33	49.17
1914	2.19	3.83	4.19	4.39	1.68	2.63	4.60	5.40	2.35	3.83	2.56	7.68	45.33
1915	5.34	3.86	2.87	1.25	5.01	3.87	4.61	6.22	3.99	3.78	5.27	6.91	52.98
1916	6.06	3.64	2.90	2.67	4.88	5.63	10.08	4.39	2.05	2.61	2.22	4.50	51.63
1917	6.43	4.24	11.19	3.81	3.16	4.67	6.83	3.87	3.55	2.57	0.99	1.70	53.01
1918	6.97	2.54	2.03	5.74	3.94	4.62	3.97	2.58	3.42	7.50	2.62	4.68	50.61
1919	5.45	3.55	6.77	3.28	5.88	4.76	3.41	5.35	1.01	7.05	4.69	4.02	55.22
1920	5.31	3.68	6.62	8.60	4.13	5.10	4.42	8.55	3.71	0.83	3.38	5.74	60.07
1921	3.60	5.58	3.93	5.14	2.85	3.38	5.68	5.67	4.01	2.35	5.33	2.82	50.34
1922	5.29	4.58	9.31	5.31	4.93	4.34	4.93	3.08	1.34	1.99	1.89	7.92	54.91
1923	5.57	4.67	6.71	5.06	6.84	4.16	4.50	5.68	2.59	1.64	3.46	5.65	56.53
1924	5.98	4.30	3.69	5.82	5.43	3.80	4.01	2.82	4.92	0.49	1.17	6.51	48.94
1925	4.56	3.54	2.48	2.98	2.09	2.90	3.21	1.57	2.14	7.54	4.61	2.16	39.78
1926	4.54	3.04	4.03	2.46	3.03	4.53	3.91	6.90	2.15	3.62	5.32	10.06	53.59
1927	3.04	4.60	6.39	5.86	4.56	5.20	4.04	4.05	1.73	2.67	4.57	6.78	53.49
1928	2.68	2.15	5.22	6.17	5.09	9.16	4.10	5.98	3.76	4.88	3.20	1.58	53.97
1929	4.90	5.16	8.48	4.90	7.75	5.04	4.49	1.94	6.23	3.95	6.91	3.10	62.85
1930	3.36	3.41	4.62	1.59	5.54	1.85	2.42	2.75	3.93	2.36	3.97	3.12	38.92
1931	2.11	3.68	3.75	4.11	3.29	1.85	5.49	4.45	1.55	1.82	2.84	9.22	44.16
1932	7.24	6.05	4.85	4.61	2.77	4.69	4.97	4.14	3.85	7.06	3.52	8.45	62.20
1933	3.09	6.34	5.02	4.02	6.88	1.92	5.61	4.53	2.76	1.42	1.95	4.05	47.59
1934	3.29	3.28	8.11	2.91	2.80	5.61	5.04	5.34	4.09	3.22	3.93	2.83	50.45
1935	4.81	4.01	7.47	4.93	4.67	4.01	3.73	3.58	1.62	3.28	5.42	2.07	49.60
1936	6.96	4.22	6.57	5.85	1.27	1.60	7.14	3.31	3.93	4.48	2.45	6.59	54.37
1937	12.01	4.21	2.29	4.71	4.30	3.56	4.43	5.43	2.69	6.00	1.68	3.51	54.82
1938	4.90	2.06	5.91	5.36	5.87	5.38	7.17	4.33	2.33	0.41	4.69	2.49	50.90
1939	5.70	10.03	4.94	4.43	3.46	5.49	4.44	3.61	1.57	1.00	1.36	3.10	49.13
1940	2.28	5.15	5.36	4.28	2.93	4.34	4.99	5.96	0.85	2.08	3.59	3.49	45.30
1941	2.84	1.08	3.41	3.35	0.89	3.43	8.23	4.03	1.18	3.11	2.83	3.48	37.86
1942	3.38	4.17	5.17	1.71	3.89	3.85	4.80	6.97	3.60	2.70	2.24	8.57	51.05
1943	2.64	3.12	6.21	3.65	3.55	3.47	5.01	2.76	4.87	1.57	2.07	3.06	41.98
1944	2.74	9.71	7.95	4.89	3.01	2.20	2.62	4.31	5.94	1.50	3.02	5.47	53.36
1945	3.91	7.47	4.26	5.31	5.03	4.35	4.52	3.69	3.57	3.07	5.83	5.42	56.43
1946	8.56	6.40	5.23	3.65	5.84	3.21	4.90	3.52	3.93	2.88	4.51	3.61	56.24
1947	9.65	2.02	3.69	3.80	4.31	4.41	3.32	3.92	2.15	2.77	4.71	2.52	47.27
1948	3.92	8.54	7.03	3.25	3.36	3.34	5.39	3.00	3.06	1.67	11.16	5.67	59.39
1949	8.54	3.96	5.37	4.23	3.91	6.08	6.70	5.22	2.72	5.99	1.71	4.39	58.82
Mean	4.75	4.69	5.53	4.43	4.14	4.29	4.98	4.33	3.15	2.93	3.43	4.73	51.38
Median	4.55	4.23	5.22	4.26	4.06	4.34	4.71	4.10	3.05	2.64	3.18	4.43	51.63

——— Maximum ———Minimum

MEAN PRECIPITATION—INCHES

TENNESSEE RIVER BASIN ABOVE CHATTANOOGA

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1890	3.96	8.37	5.47	4.35	5.57	2.90	5.34	5.42	5.57	4.41	0.44	4.33	56.13
1891	5.20	9.69	8.61	2.22	2.53	5.08	4.56	5.21	1.77	0.89	3.82	4.43	54.01
1892	7.04	2.87	3.65	7.34	3.80	6.36	4.92	3.83	2.30	0.41	5.89	3.09	51.50
1893	2.54	7.21	2.80	4.30	6.53	5.04	3.73	3.58	3.72	2.49	2.11	2.67	46.72
1894	3.68	5.97	2.52	2.69	3.81	3.51	4.31	4.20	1.85	2.11	1.01	5.68	41.34
1895	6.96	2.15	5.16	4.21	4.65	3.55	6.10	4.89	1.47	1.90	2.27	3.41	46.72
1896	1.99	4.50	5.54	2.92	3.35	5.32	9.53	2.42	3.71	1.64	6.30	1.06	48.28
1897	2.90	6.50	10.09	5.33	3.77	4.49	6.04	3.50	0.77	2.09	2.06	5.13	52.67
1898	6.17	0.96	4.80	4.02	2.96	3.56	6.81	6.57	5.71	6.13	3.23	2.46	53.38
1899	3.81	7.78	11.04	3.54	4.01	4.05	4.71	3.06	2.64	2.48	1.87	4.10	53.09
1900	3.12	6.13	5.25	4.05	2.09	7.36	4.45	2.75	3.81	3.36	5.02	3.60	50.99
1901	4.54	1.61	5.80	6.33	6.46	5.59	2.90	13.33	3.51	1.46	1.30	9.98	62.81
1902	3.74	5.21	6.02	2.03	2.61	5.75	2.73	2.67	5.14	2.21	3.80	4.13	46.04
1903	2.81	9.24	7.88	6.24	2.87	5.42	4.56	4.14	1.04	2.47	3.63	2.33	52.63
1904	2.89	3.35	6.06	2.70	3.60	3.73	3.72	4.60	1.41	0.17	3.42	4.68	40.33
1905	3.65	5.50	3.27	3.70	5.51	4.94	6.22	6.19	1.58	4.06	1.13	6.19	51.94
1906	5.90	1.30	5.15	2.76	3.33	5.81	8.99	5.78	6.48	3.75	4.36	4.57	58.18
1907	1.42	3.43	4.34	4.33	4.22	5.75	4.58	4.06	6.91	1.67	5.60	4.76	51.07
1908	4.23	4.52	4.48	4.79	3.76	3.24	5.79	5.86	2.00	4.36	1.96	6.31	51.30
1909	3.51	6.39	6.86	4.75	6.44	8.67	6.05	3.81	3.88	2.95	0.94	3.77	58.02
1910	3.93	3.88	1.37	3.59	6.59	5.79	6.51	4.75	3.26	2.15	1.43	4.44	47.69
1911	4.84	3.84	4.51	7.49	1.70	3.32	4.54	4.01	3.08	4.77	4.04	5.17	51.31
1912	3.36	4.01	7.63	7.35	4.32	4.78	5.59	3.73	4.11	1.80	1.90	4.77	53.35
1913	6.57	4.47	7.77	2.40	5.39	3.21	3.49	3.33	4.11	2.65	1.46	3.58	48.43
1914	2.31	3.77	4.25	4.44	1.42	3.14	5.37	5.15	1.99	4.67	2.91	8.16	47.58
1915	5.01	3.99	2.75	1.53	5.13	5.03	4.84	5.37	4.26	4.28	4.11	6.92	53.22
1916	4.97	4.35	2.79	2.45	4.27	5.47	11.07	4.97	2.48	3.02	2.38	3.70	51.92
1917	6.10	4.55	11.40	3.10	2.71	4.44	7.21	4.57	3.95	2.81	0.64	1.71	53.19
1918	6.90	2.66	2.67	5.24	4.15	5.26	4.29	3.18	3.39	8.37	2.31	5.07	53.49
1919	5.66	3.50	4.91	3.33	4.92	4.87	3.81	4.18	1.04	5.64	2.45	4.25	48.56
1920	4.44	3.75	6.61	7.13	2.85	5.46	4.50	9.80	4.34	0.90	3.76	6.06	59.60
1921	3.89	5.17	2.70	4.56	3.69	3.55	6.40	5.46	3.23	2.06	5.21	2.98	48.90
1922	5.45	4.52	8.16	4.96	4.48	4.62	5.53	3.31	1.48	2.48	1.34	7.50	53.83
1923	5.41	4.51	6.18	4.35	6.53	4.78	5.08	4.56	2.76	1.06	2.97	4.66	52.85
1924	5.96	4.02	3.81	5.82	4.88	3.55	5.22	2.85	6.56	0.88	1.28	6.66	51.49
1925	4.90	2.77	2.18	3.17	2.18	3.15	2.80	1.25	1.58	7.08	4.17	2.00	37.23
1926	4.83	3.55	4.09	2.82	2.82	4.18	4.66	6.09	2.61	3.06	5.11	8.75	52.57
1927	2.26	5.16	4.51	4.24	4.40	4.97	4.97	4.84	1.46	2.40	3.94	7.39	50.54
1928	2.46	2.02	5.33	5.40	5.55	7.95	4.71	6.65	5.75	4.41	2.56	1.53	54.32
1929	4.37	5.44	7.71	4.15	7.95	5.49	5.07	1.83	6.42	3.63	6.96	2.65	61.67
1930	2.42	2.69	4.22	1.93	4.73	2.42	2.69	3.17	4.30	2.05	3.67	3.03	37.32
1931	2.02	2.87	3.33	5.24	3.96	2.05	6.20	4.76	1.89	1.59	1.81	8.57	44.29
1932	5.83	5.72	5.01	3.83	3.43	5.17	3.96	3.74	2.96	6.52	3.89	8.93	58.99
1933	3.08	5.96	3.86	3.65	6.15	2.24	5.40	5.45	2.48	1.31	1.59	3.22	44.39
1934	3.38	3.51	8.19	3.41	3.04	5.09	5.41	6.55	3.30	3.79	3.82	2.53	52.02
1935	4.30	3.87	6.95	4.99	4.38	3.53	4.86	4.15	1.47	2.40	5.76	2.12	48.78
1936	8.74	4.70	6.57	6.04	1.30	1.73	6.29	4.47	4.56	4.36	1.74	6.52	57.02
1937	10.31	4.77	2.08	4.29	3.49	3.80	4.70	6.09	2.44	6.15	1.26	3.27	52.65
1938	4.25	2.28	5.56	5.24	6.37	5.25	8.02	4.15	2.88	0.33	4.62	2.58	51.53
1939	4.68	8.91	4.40	3.77	2.64	4.27	5.03	3.86	1.49	1.02	1.22	2.94	44.23
1940	2.17	4.44	4.61	4.05	2.88	4.83	5.18	7.85	0.90	2.14	2.56	3.15	44.76
1941	2.49	1.02	4.02	3.41	0.80	4.24	9.34	3.80	1.46	2.52	2.57	3.52	39.19
1942	3.42	3.86	5.29	0.95	5.39	4.47	6.70	7.47	4.09	2.53	2.24	8.85	55.26
1943	3.53	3.59	5.80	3.79	3.59	4.27	6.66	2.64	3.60	2.13	1.79	2.81	44.20
1944	2.63	9.38	7.41	4.21	3.00	2.42	2.84	3.81	6.77	2.04	3.27	4.20	51.98
1945	3.04	6.64	3.72	4.92	5.19	4.25	5.69	3.83	3.83	3.32	4.43	5.38	54.24
1946	7.71	5.39	4.87	4.00	6.02	3.27	4.67	3.52	3.23	3.39	3.13	3.60	52.80
1947	10.32	2.27	3.52	2.75	3.55	4.69	3.68	4.86	2.39	3.12	4.34	2.32	47.81
1948	3.75	6.80	6.18	3.06	3.21	3.99	5.53	4.27	2.61	1.68	10.30	5.73	57.11
1949	6.49	3.80	4.54	4.81	3.58	5.40	7.98	6.23	2.97	6.22	2.24	3.77	58.03
Mean	4.47	4.58	5.27	4.14	4.08	4.51	5.38	4.67	3.21	2.96	3.12	4.53	50.92
Median	4.10	4.40	4.96	4.10	3.80	4.56	5.08	4.24	3.02	2.48	2.74	4.16	51.93

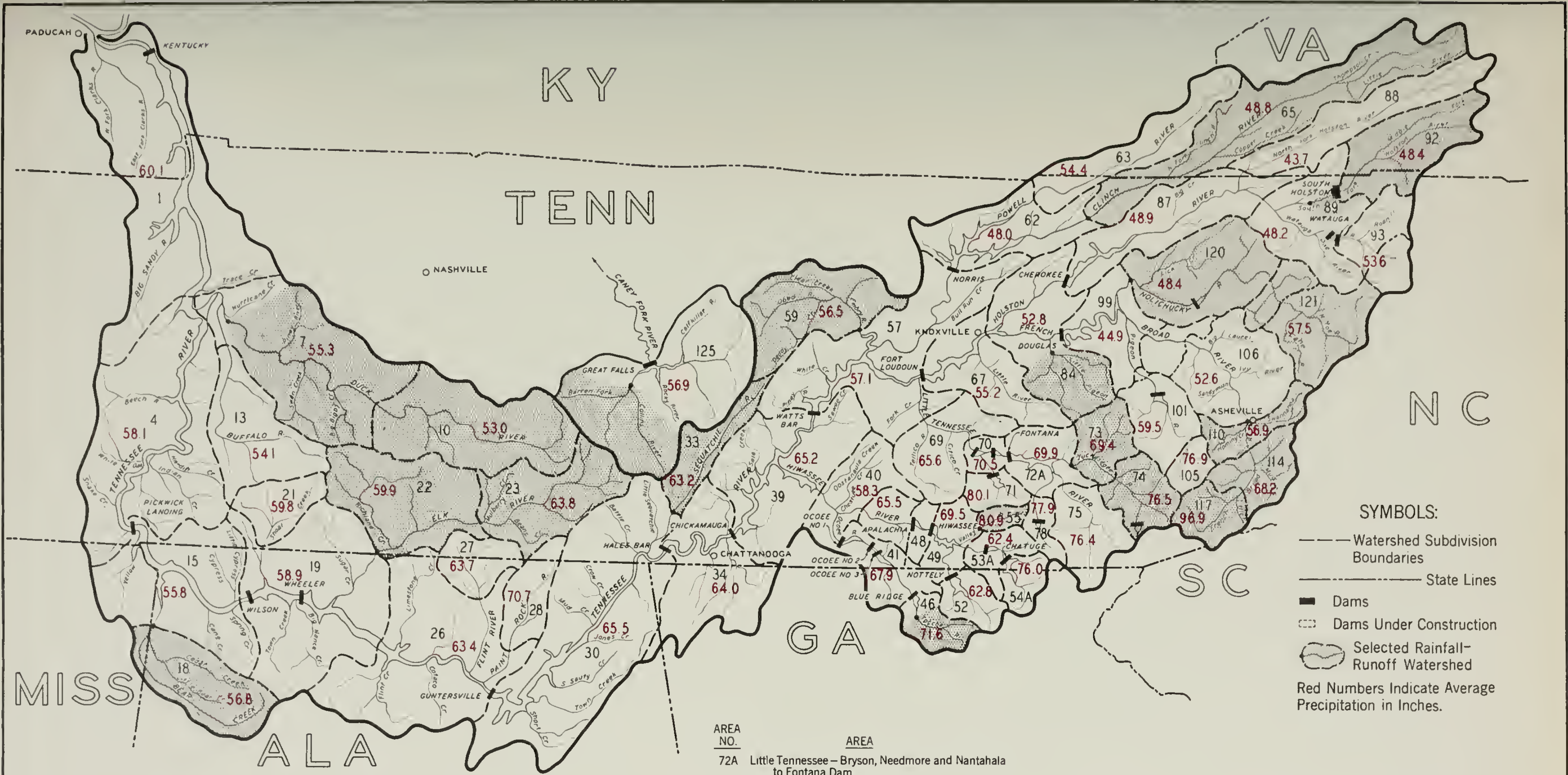
——Maximum ---Minimum

MEAN PRECIPITATION—INCHES

TENNESSEE RIVER BASIN BELOW CHATTANOOGA

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1890	6.31	8.76	6.22	3.60	4.30	2.70	2.65	5.42	6.60	2.80	1.28	3.85	54.49
1891	6.30	8.45	9.73	3.76	1.14	5.89	5.61	2.35	1.20	0.55	5.80	4.46	55.24
1892	3.99	4.44	4.13	12.19	4.71	4.21	7.51	5.19	3.89	0.26	6.04	6.61	63.17
1893	1.60	6.92	2.78	7.28	8.79	4.49	2.68	1.88	4.91	1.72	2.32	3.34	48.71
1894	5.43	7.35	4.57	3.61	2.37	2.28	5.09	5.12	2.42	0.82	1.13	4.61	44.80
1895	6.56	1.37	6.18	3.61	3.21	3.32	6.49	3.55	2.75	1.91	2.68	4.68	46.31
1896	2.71	5.51	6.58	4.10	3.86	4.17	6.43	1.82	3.13	1.46	6.83	1.68	48.28
1897	3.61	4.38	12.54	5.89	2.50	2.16	4.90	2.54	0.19	1.88	3.44	6.44	50.47
1898	8.25	1.33	4.57	4.34	2.56	3.18	6.03	3.11	3.56	3.98	3.52	2.88	47.31
1899	6.31	6.52	8.74	3.49	2.27	2.22	4.77	3.01	0.79	2.35	2.91	6.65	50.03
1900	3.31	5.10	3.86	7.90	3.67	11.87	4.64	2.22	2.74	5.97	4.95	2.86	59.09
1901	4.83	2.24	4.56	4.51	3.26	2.52	2.22	10.18	5.15	1.45	1.72	6.25	48.89
1902	5.22	3.38	7.72	3.06	2.47	2.80	2.19	3.57	5.19	2.30	5.27	6.48	49.65
1903	3.40	8.82	5.45	3.59	5.97	4.77	3.71	2.77	0.63	1.91	3.55	3.60	48.17
1904	3.34	1.66	6.69	3.15	4.14	3.28	4.08	2.99	2.21	0.86	2.87	6.04	41.31
1905	4.04	5.27	4.19	3.39	5.86	6.58	3.56	4.38	3.06	5.61	1.80	5.39	53.13
1906	4.31	1.39	6.46	1.93	3.24	2.88	8.16	3.86	7.50	4.00	5.65	5.29	54.67
1907	2.84	4.27	4.50	4.43	7.38	3.43	4.33	2.99	4.53	2.15	4.91	4.04	49.80
1908	3.80	6.04	4.93	5.40	5.15	4.27	3.41	4.20	2.53	0.76	2.72	5.14	48.35
1909	2.95	8.48	5.73	5.91	6.22	5.85	4.19	1.90	3.69	2.60	1.94	4.19	53.65
1910	4.18	4.61	0.91	4.32	5.32	5.88	7.04	2.00	2.33	4.03	1.51	4.06	46.19
1911	4.43	4.62	2.62	9.76	2.24	3.79	5.73	5.45	2.64	3.44	4.37	10.68	59.77
1912	3.93	4.51	8.70	9.57	4.13	4.19	6.31	5.17	3.62	1.94	1.32	6.37	59.76
1913	10.60	5.50	7.08	2.75	3.82	2.89	3.40	2.42	3.99	3.06	1.46	3.05	50.02
1914	2.06	3.89	4.12	4.33	1.97	2.05	3.72	5.68	2.76	2.88	2.15	7.13	42.74
1915	5.72	3.71	3.00	0.93	4.87	2.54	4.35	7.19	3.69	3.21	6.59	6.90	52.70
1916	7.31	2.83	3.02	2.92	5.57	5.81	8.94	3.73	1.55	2.14	2.04	5.41	51.27
1917	6.80	3.89	10.96	4.63	3.67	4.93	6.40	3.08	3.10	2.29	1.39	1.68	52.82
1918	7.04	2.40	1.31	6.30	3.71	3.90	3.60	1.90	3.45	6.50	2.97	4.24	47.32
1919	5.20	3.60	8.89	3.22	6.97	4.63	2.95	6.69	0.98	8.65	7.25	3.76	62.79
1920	6.30	3.60	6.64	10.27	5.60	4.69	4.33	7.13	3.00	0.75	2.94	5.38	60.63
1921	3.27	6.04	5.33	5.81	1.89	3.19	4.85	5.92	4.89	2.68	5.46	2.63	51.96
1922	5.11	4.64	10.63	5.71	5.44	4.01	4.24	2.81	1.17	1.43	2.52	8.41	56.12
1923	5.75	4.86	7.31	5.87	7.19	3.46	3.83	6.95	2.40	2.30	4.01	6.78	60.71
1924	6.00	4.61	3.56	5.83	6.05	4.09	2.62	2.78	3.05	0.05	1.04	6.34	46.02
1925	4.17	4.42	2.82	2.77	1.99	2.61	3.67	1.94	2.78	8.07	5.12	2.34	42.70
1926	4.20	2.45	3.97	2.05	3.27	4.94	3.05	7.83	1.63	4.25	5.56	11.55	54.75
1927	3.93	3.96	8.54	7.71	4.75	5.46	2.97	3.14	2.04	2.98	5.28	6.09	56.85
1928	2.94	2.30	5.09	7.05	4.56	10.54	3.41	5.22	1.49	5.42	3.94	1.64	53.60
1929	5.51	4.84	9.36	5.76	7.52	4.52	3.83	2.07	6.02	4.32	6.86	3.62	64.23
1930	4.43	4.24	5.07	1.20	6.47	1.20	2.11	2.27	3.51	2.72	4.31	3.22	40.75
1931	2.22	4.60	4.24	2.83	2.52	1.62	4.69	4.10	1.16	2.09	4.02	9.96	44.05
1932	8.85	6.42	4.66	5.51	2.02	4.15	6.12	4.59	4.86	7.67	3.10	7.90	65.85
1933	3.10	6.77	6.34	4.45	7.71	1.55	5.85	3.48	3.08	1.54	2.37	5.00	51.24
1934	3.18	3.01	8.01	2.34	2.52	6.21	4.62	3.96	5.00	2.58	4.05	3.17	48.65
1935	5.40	4.18	8.07	4.86	5.00	4.55	2.43	2.94	1.79	4.29	5.04	2.02	50.57
1936	4.92	3.68	6.58	5.63	1.24	1.46	8.11	1.99	3.22	4.61	3.27	6.66	51.37
1937	13.94	3.57	2.54	5.18	5.22	3.28	4.11	4.70	2.98	5.84	2.15	3.78	57.29
1938	5.65	1.80	6.31	5.50	5.31	5.53	6.20	4.53	1.70	0.49	4.77	2.38	50.17
1939	6.87	11.31	5.57	5.18	4.39	6.89	3.77	3.32	1.65	0.99	1.53	3.27	54.74
1940	2.42	5.97	6.20	4.54	2.99	3.77	4.77	3.80	0.80	2.02	4.77	3.87	45.92
1941	3.24	1.15	2.72	3.29	0.99	2.50	6.96	4.30	0.87	3.79	3.16	3.43	36.40
1942	3.33	4.53	5.04	2.57	2.18	3.14	2.63	6.41	3.05	2.90	2.24	8.25	46.27
1943	1.62	2.58	6.67	3.50	3.50	2.55	3.12	2.89	6.31	0.93	2.39	3.34	39.40
1944	2.87	10.09	8.57	5.67	3.02	1.95	2.37	4.89	4.99	0.88	2.74	6.92	54.96
1945	4.91	8.42	4.87	5.75	4.84	4.46	3.18	3.52	3.27	2.78	7.43	5.46	58.89
1946	9.54	7.56	5.64	3.24	5.64	3.14	5.16	3.52	4.72	2.30	6.08	3.63	60.17
1947	8.89	1.73	3.88	4.99	5.18	4.09	2.90	2.85	1.87	2.36	5.13	2.75	46.62
1948	4.12	10.53	8.00	3.46	3.53	2.59	5.24	1.56	3.57	1.65	12.15	5.61	62.01
1949	10.88	4.15	6.32	3.56	4.28	6.86	5.24	4.07	2.43	5.72	1.10	5.09	59.70
Mean	5.07	4.82	5.82	4.77	4.20	4.04	4.52	3.93	3.07	2.90	3.78	4.97	51.89
Median	4.43	4.48	5.60	4.44	4.14	3.84	4.28	3.54	3.02	2.36	3.36	4.64	51.26

—— Maximum ——— ---Minimum



AREA NO.	AREA
1	Tennessee – Johnsonville to Mouth
4	Tennessee – Pickwick to Johnsonville
7	Duck – Columbia to Mouth
10	Duck – Above Columbia
13	Buffalo – Above Lobelville
15	Tennessee – Florence to Pickwick
18	Bear Creek – Above Bishop
19	Tennessee – Decatur to Florence
21	Shoal Creek – Above Iron City
22	Elk – Fayetteville to Prospect
23	Elk – Above Fayetteville
26	Tennessee – Guntersville to Decatur
27	Flint – Above Chase
28	Paint Rock – Above Woodville
30	Tennessee – Hales Bar to Guntersville
33	Sequatchie – Above Whitwell
34	Tennessee – Chickamauga to Hales Bar
39	Tennessee – Watts Bar to Chickamauga
40	Hiwassee – Reliance and Ocoee No. 1 to Charleston
41	Ocoee – Blue Ridge to Ocoee No. 1
46	Toccoa – Above Blue Ridge
48	Hiwassee – Hiwassee Dam to Reliance
49	Hiwassee – Murphy, Nottely Dam and Tomotla to Hiwassee Dam
52	Nottely – Above Nottely Dam
53A	Hiwassee – Chatuge Dam to Murphy
54A	Hiwassee – Above Chatuge Dam
55	Valley – Above Tomotla
57	Tennessee and Clinch – Fort Loudoun to Watts Bar and Kingston to Norris Dam
59	Emory – Above Oakdale
62	Clinch – Arthur and Tazewell to Norris
63	Powell – Above Arthur
65	Clinch – Above Tazewell
67	Tennessee – Knoxville to Fort Loudoun
69	Little Tennessee – Calderwood to McGhee
70	Little Tennessee – Fontana and Santeetlah to Calderwood
71	Cheoah – Above Santeetlah
72A	Little Tennessee – Bryson, Needmore and Nantahala to Fontana Dam
73	Tuckasegee – Dillsboro to Bryson
74	Tuckasegee – Above Dillsboro
75	Little Tennessee – Above Needmore
78	Nantahala – Above Nantahala
84	French Broad and Holston – Douglas and Cherokee to Knoxville
87	Holston – Gate City and Kingsport to Cherokee Dam
88	North Fork of Holston – Above Gate City
89	South Fork of Holston – South Holston Dam and Watauga Dam to Kingsport
92	South Fork of Holston – Above South Holston Dam
93	Watauga – Above Watauga Dam
99	French Broad – Hartford, Newport and Bent Creek to Douglas Dam
101	Pigeon – Canton to Hartford
105	Pigeon – Above Canton
106	French Broad – Asheville to Newport
110	French Broad – Bent Creek to Asheville
114	French Broad – Blantyre to Bent Creek
117	French Broad – Above Blantyre
120	Nolichucky – Embreeville to Above Morristown
121	Nolichucky – Above Embreeville
125	Caney Fork – Above Great Falls Dam

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

AVERAGE PRECIPITATION
ON
WATERSHED SUBDIVISIONS

YEAR 1949

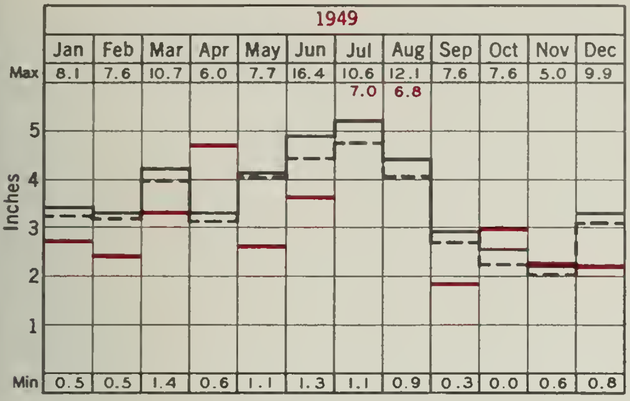
SCALE 10 0 10 20 30 40 50 MILES

AVERAGE PRECIPITATION ON WATERSHED SUBDIVISIONS
1949 MONTHLY AND ANNUAL

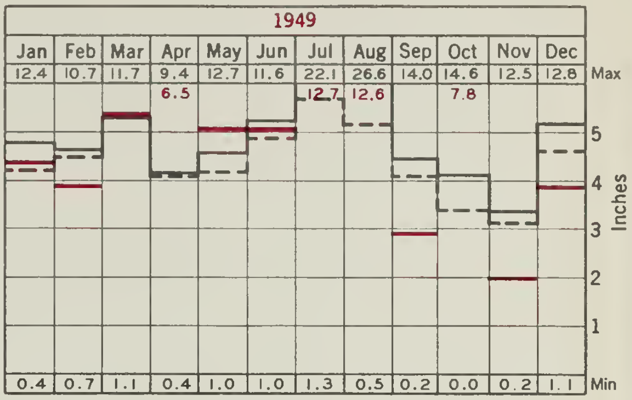
Subdivision		Average Precipitation--Inches												
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Entire Tennessee River Basin	1949 Average	8.54	3.96	5.37	4.23	3.91	6.08	6.70	5.22	2.72	5.99	1.71	4.39	58.82
	13 Yr. Average	5.47	5.22	5.14	4.05	3.87	4.09	5.12	4.37	2.96	2.67	3.80	4.21	50.97
Area Above Hales Bar	1949 Average	6.49	3.80	4.54	4.81	3.58	5.40	7.98	6.23	2.97	6.22	2.24	3.77	58.03
	13 Yr. Average	4.98	4.86	4.77	3.79	3.82	4.24	5.85	4.80	2.97	2.81	3.38	4.01	50.28
Area Below Hales Bar	1949 Average	10.88	4.15	6.32	3.56	4.28	6.86	5.24	4.07	2.43	5.72	1.10	5.09	59.70
	13 Yr. Average	6.02	5.65	5.56	4.34	3.93	3.90	4.28	3.87	2.94	2.51	4.28	4.44	51.72
French Broad Above Newport	1949 Average	3.49	3.93	4.42	5.28	4.48	7.12	9.73	8.93	3.33	6.65	2.59	3.53	63.48
	13 Yr. Average	4.31	4.26	4.67	3.55	3.90	4.60	6.34	5.87	3.33	3.13	3.35	3.65	50.96
French Broad Above Douglas Dam	1949 Average	3.54	3.56	4.03	4.99	4.11	6.58	8.61	7.71	3.17	5.66	2.64	3.05	57.65
	13 Yr. Average	4.22	4.21	4.39	3.41	3.67	4.34	6.15	5.29	3.15	2.93	3.17	3.50	48.43
Holston Above Cherokee Dam	1949 Average	3.78	2.88	3.54	4.89	3.25	3.76	8.20	6.84	2.24	3.55	2.90	2.60	48.43
	13 Yr. Average	3.84	3.78	3.70	3.06	3.60	4.08	5.74	4.66	2.89	2.49	2.74	3.16	43.74
Holston and French Broad Above Knoxville	1949 Average	3.87	3.25	3.85	4.87	3.64	5.41	8.34	7.08	2.76	4.86	2.71	2.88	53.52
	13 Yr. Average	4.13	4.12	4.13	3.30	3.65	4.19	5.95	4.96	3.02	2.73	3.00	3 41	46.59
Little Tennessee Above McGhee	1949 Average	7.70	5.30	5.45	5.42	4.95	7.79	8.51	7.37	4.64	7.74	2.57	4.73	72.17
	13 Yr. Average	6.16	5.85	5.91	4.47	4.43	4.63	6.64	5.56	3.33	3.14	3.99	4.83	58.94
Little Tennessee Above Fontana Dam	1949 Average	7.40	5.51	5.49	5.67	5.13	8.76	8.08	7.98	4.62	7.55	2.66	4.97	73.82
	13 Yr. Average	6.25	5.95	6.09	4.49	4.38	4.72	6.80	5.71	3.49	3.20	4.14	4.89	60.11
Clinch Above Norris Dam	1949 Average	5.48	2.89	4.17	4.18	3.27	3.66	7.43	5.58	1.90	4.92	2.53	3.89	49.90
	13 Yr. Average	4.51	4.28	4.21	3.37	3.42	4.26	5.49	4.68	2.66	2.50	2.95	3.43	45.76
Hiwassee Above Charleston	1949 Average	8.35	5.23	5.11	5.47	3.33	5.93	7.79	6.73	4.03	8.58	1.53	4.37	66.45
	13 Yr. Average	5.95	5.84	5.91	4.52	4.13	4.51	6.15	4.98	2.96	3.06	3.84	4.80	56.65
Hiwassee Above Hiwassee Dam	1949 Average	7.61	5.73	5.07	5.87	3.74	7.32	7.61	7.40	4.17	8.31	1.68	4.43	68.94
	13 Yr. Average	5.94	5.94	6.10	4.68	4.22	4.79	6.52	5.30	3.13	3.07	3.79	4.84	58.32

Note: 13 Year Averages Based on 1937-1949 Averages.

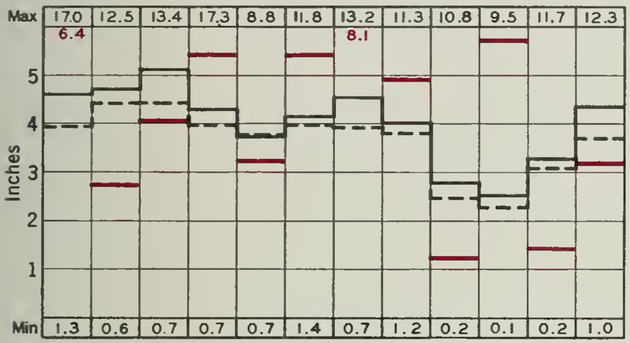
MONTHLY PRECIPITATION AT SELECTED STATIONS



ELIZABETHTON, TENN.



HENDERSONVILLE, N. C.



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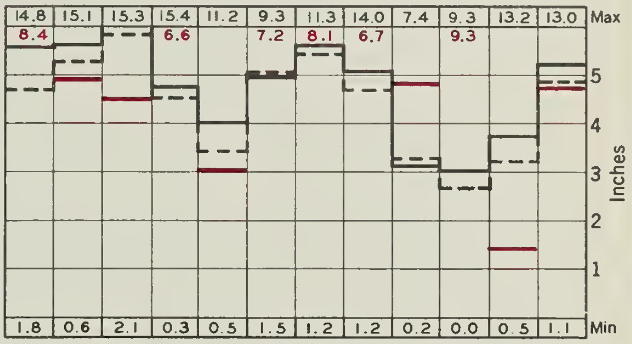
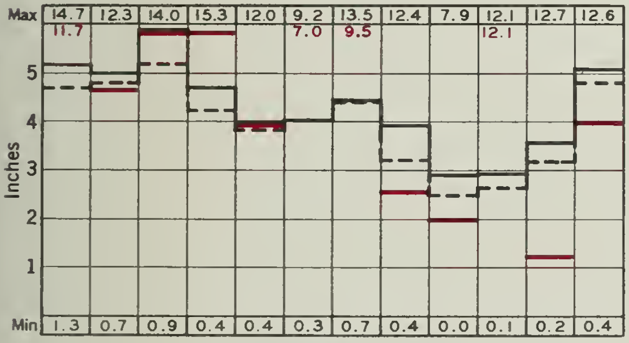
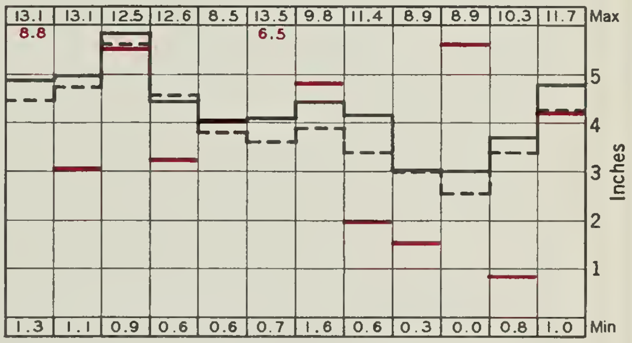


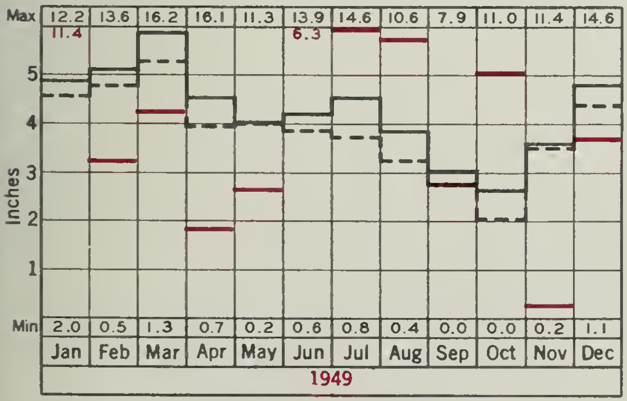
MURPHY, N. C.



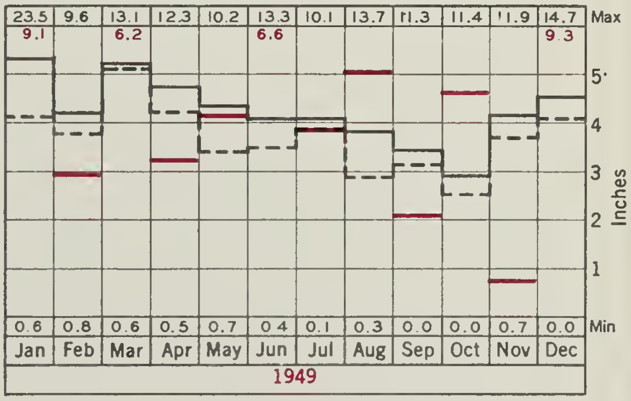
CHATTANOOGA, TENN.



LEWISBURG, TENN.



MUSCLE SHOALS, ALA.



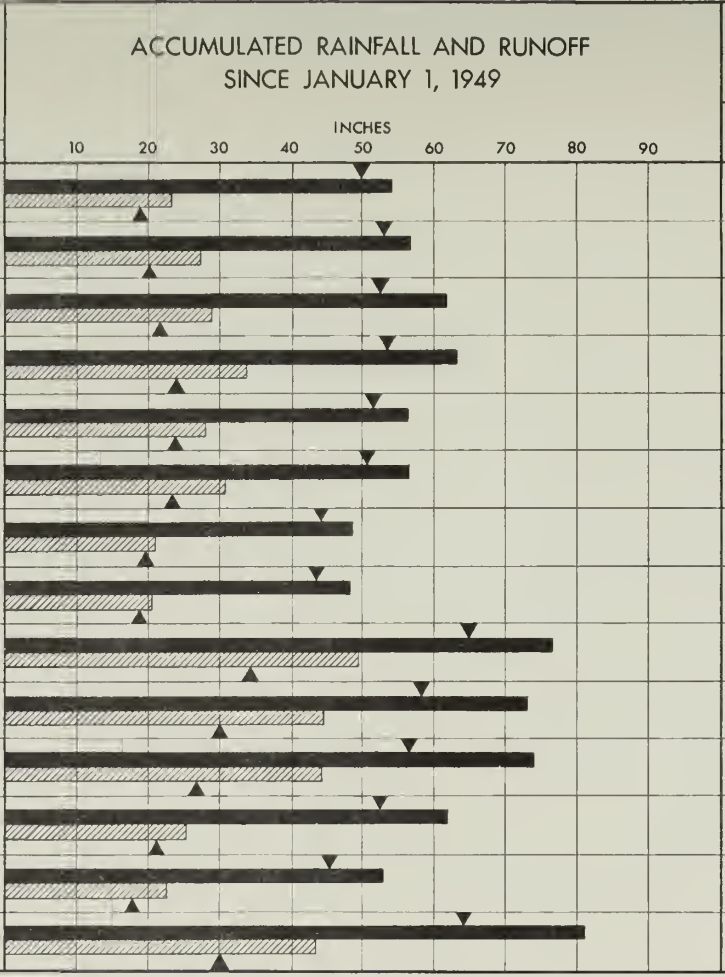
JOHNSONVILLE, TENN.

1949 Record —— or 7.3 Mean —— Median - - -

EVAPORATION DATA—YEAR 1949

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Evaporation (Inches)	Paris, Tenn.	1.65a	1.58a	3.50	4.22	5.73	5.89	6.25	5.70	4.64	2.61a	2.46	1.51	45.74a
	Murphy, N. C.	1.32	1.66a	2.47	4.00	5.01	4.91	5.55	4.81	3.81a	2.50	1.40	1.24	38.68a
	Beetree Dam, N. C.	1.54a	1.83	2.92a	4.36a	5.01	5.06a	5.15a	3.98a	3.72	2.64	1.74	1.05	39.00a
	Jefferson City, Tenn.	0.72	1.28	2.37	3.88	5.22a	5.53	6.56a	4.65	3.86	2.28	1.35	1.02	38.72a
Precipitation (Inches)	Paris, Tenn.	8.23	3.83	7.08	2.37	2.77	8.11	6.25	8.53	3.66	6.41	0.80	7.07	65.11
	Murphy, N. C.	8.37	4.91	4.52	6.61	3.03	7.21	8.09	6.73	4.76	9.27	1.37	4.72	69.59
	Beetree Dam, N. C.	2.05	3.52	4.32	4.71	4.95	9.06	12.20	8.34	2.42	5.11	2.77	2.44	61.89
	Jefferson City, Tenn.	5.35	2.74	4.33	3.30	3.80	5.72	7.70	3.35	2.70	4.10	1.79	2.70	47.58
Average Air Temperature (Degrees F)	Paris, Tenn.	42	42	47	55	67	75	79	74	64	63	49	43	58
	Murphy, N. C.	47	46	46	54	65	71	77	74	65	62	42	42	58
	Beetree Dam, N. C.	45	43	43	49	60	68	72	69	61	59	41	39	54
	Jefferson City, Tenn.	47	42	46	53	65	72	77	74	66	63	43	41	57
Average Water Temperature (Degrees F)	Paris, Tenn.	46a	47	54	60	74	80	86	83	72	66a	51	46	64a
	Murphy, N. C.	51	52	54	59	73	79	85	82	73	66	48	46	64
	Beetree Dam, N. C.	47a	48	48	55a	68	77a	81a	77	72a	65a	46a	43a	61a
	Jefferson City, Tenn.	49	50	54	59	74	82	86	81	72	66	47	46	64
Average Relative Humidity (Percent)	Paris, Tenn.	80	76	69	65	76	80	83	79	78	80	66	72	75
	Murphy, N. C.	88	82	79	77	82	88	90	89	87	89	83	85	85
	Beetree Dam, N. C.	73	72	68	63	73	79	87	87	81	84	71	74	76
	Jefferson City, Tenn.	80	70	67	64	73	79	80	81	77	80	76	77	75
Average Wind Velocity (Miles per Hour)	Paris, Tenn.	1.30	1.13	1.73	1.29	0.62	0.77	0.53	0.27	0.42	0.40	1.16	1.28	0.91
	Murphy, N. C.	0.77	0.79	1.10	1.12	0.53	0.39	0.08	0.06	0.14	0.21	0.34	0.40	0.49
	Beetree Dam, N. C.	1.57	1.55	1.99	1.98	0.85	0.52	0.25	0.39	0.55	0.49	1.15	0.90	1.02
	Jefferson City, Tenn.	1.03	1.01	1.11	1.45	0.67	0.35	0.43	0.43	0.44	0.28	0.89	0.66	0.73

a = Partly estimated.



STREAM AND STATION	DRAINAGE AREA SQ. MILES	ACCUMULATED SINCE JANUARY 1, 1949 INCHES RAINFALL	RUNOFF	DEPARTURES RAINFALL	DEPARTURES RUNOFF	1949 RUNOFF IN PER-ENT OF RAINFALL	1949 RAINFALL MINUS RUNOFF INCHES
DUCK RIVER — HURRICANE MILLS	2571	54.3	23.1	+ 4.3	+ 4.2	42.5	31.2
BEAR CREEK — BISHOP	667	56.8	27.1	+ 3.7	+ 7.1	47.7	29.7
ELK RIVER — PROSPECT	1784	61.7	29.0	+ 9.1	+ 7.3	47.0	32.7
SEQUATCHIE RIVER — WHITWELL	384	63.2	33.8	+ 9.7	+ 9.7	53.5	29.4
EMORY RIVER — OAKDALE	764	56.5	28.0	+ 5.0	+ 4.2	49.6	28.5
COLLINS RIVER — McMINNVILLE	646	56.6	30.9	+ 5.9	+ 7.4	54.6	25.7
CLINCH RIVER — TAZEWELL	1474	48.8	21.0	+ 4.8	+ 1.3	43.0	27.8
S. FORK HOLSTON RIVER — BLUFF CITY	813	48.2	20.4	+ 4.8	+ 1.6	42.3	27.8
TOCCOA RIVER — DIAL	177	76.6	49.7	+11.8	+15.3	64.9	26.9
TUCKASEGEE RIVER — BRYSON CITY	655	73.2	44.3	+15.0	+14.3	60.5	28.9
FRENCH BROAD RIVER — ASHEVILLE	945	74.0	44.0	+17.3	+17.1	59.5	30.0
LITTLE PIGEON RIVER — SEVIERVILLE	353	62.0	25.2	+ 9.6	+ 4.1	40.6	36.8
NOLICHUCKY RIVER — MORRISTOWN	1679	52.8	22.6	+ 7.6	+ 4.7	42.8	30.2
VALLEY RIVER — TOMOTLA	104	80.9	43.4	+16.7	+13.3	53.6	37.5

SYMBOLS:

■	Accumulated Rainfall
▨	Accumulated Runoff
▼	Accumulated Average Rainfall–1937-1948
▲	Accumulated Normal Runoff–1921-1945

NOTE:

Locations of watersheds are shown on the map AVERAGE PRECIPITATION ON WATERSHED SUBDIVISIONS.

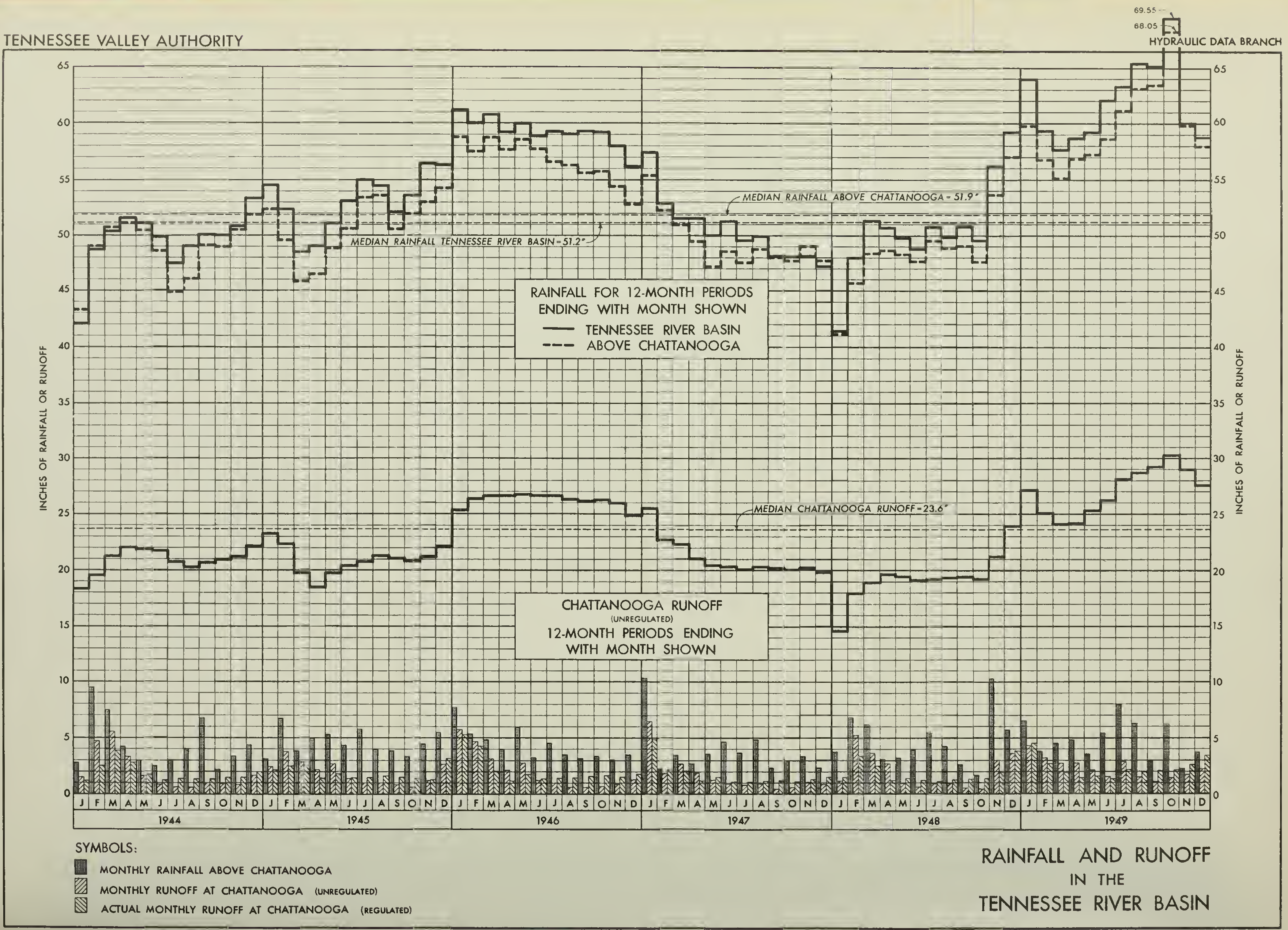
Runoff data are furnished by the U. S. GEOLOGICAL SURVEY and are tentative.

RAINFALL AND RUNOFF
FOR
SELECTED WATERSHEDS

FOR THE PERIOD JANUARY 1, 1949 TO DECEMBER 31, 1949

TENNESSEE VALLEY AUTHORITY

HYDRAULIC DATA BRANCH



RAINFALL AND RUNOFF
IN THE
TENNESSEE RIVER BASIN

PRECIPITATION STATISTICS FOR SELECTED STATIONS

Precipitation in Inches

			Maximum		Minimum		
Month	Mean	Median	Amount	Date	Amount	Date	1949
			Elizabethton, Tennessee				
January	3.40	3.21	8.13	1947	0.46	1896	2.72
February	3.31	3.19	7.59	1944	0.48	1906	2.40
March	4.23	3.98	10.72	1899	1.37	1937	3.30
April	3.33	3.15	6.05	1912	0.65	1942	4.71
May	4.12	4.06	7.73	1915	1.08	1941	2.60
June	4.88	4.44	16.38	1872	1.33	1946	3.57
July	5.27	4.78	10.56	1896	1.10	1872	6.98
August	4.50	4.11	12.14	1901	0.89	1896	6.76
September	2.91	2.72	7.61	1928	0.30	1903	1.81
October	2.56	2.29	7.61	1918	0.02	1904	2.98
November	2.23	2.04	5.02	1948	0.61	1931	2.26
December	3.32	3.00	9.87	1872	0.80	1935	2.22
Annual	44.06	44.41	58.91	1928	29.06	1941	42.31
			Hendersonville, North Carolina				
January	4.80	4.32	12.40	1906	0.39	1907	4.41
February	4.65	4.36	10.73	1891	0.70	1898	3.92
March	5.31	5.34	11.67	1891	1.10	1937	5.35
April	4.23	4.12	9.38	1920	0.43	1915	6.54
May	4.61	4.26	12.70	1942	0.95	1914	5.13
June	5.26	4.96	11.56	1934	0.96	1911	5.12
July	6.36	5.75	22.09	1916	1.29	1930	12.71
August	6.20	5.23	26.58	1901	0.49	1925	12.60
September	4.47	4.08	14.00	1906	0.22	1919	2.87
October	4.23	3.41	14.59	1918	0.01	1904	7.82
November	3.33	3.10	12.54	1948	0.21	1910	2.00
December	5.22	4.81	12.85	1918	1.13	1928	3.88
Annual	58.67	58.19	92.60	1901	32.55	1925	72.35
			Knoxville, Tennessee				
January	4.64	3.98	16.98	1882	1.29	1907	6.44
February	4.72	4.42	12.52	1873	0.56	1898	2.73
March	5.12	4.42	13.35	1917	0.72	1910	4.02
April	4.33	4.00	17.32	1874	0.70	1942	5.43
May	3.76	3.76	8.81	1938	0.71	1941	3.23
June	4.20	4.04	11.83	1928	1.39	1936	5.37
July	4.62	3.96	13.16	1917	0.69	1901	8.10
August	4.02	3.84	11.33	1920	1.25	1896	4.90
September	2.80	2.48	10.78	1944	0.22	1879	1.15
October	2.59	2.38	9.51	1925	0.07	1904	5.72
November	3.28	3.10	11.69	1948	0.17	1890	1.38
December	4.34	3.72	12.34	1901	0.95	1896	3.19
Annual	48.42	47.74	73.87	1875	33.67	1930	51.66

PRECIPITATION STATISTICS FOR SELECTED STATIONS--Continued

Precipitation in Inches

			Maximum		Minimum		
Month	Mean	Median	Amount	Date	Amount	Date	1949
			Murphy, North Carolina				
January	5.62	4.75	14.85	1882	1.75	1907	8.35
February	5.62	5.13	15.10	1873	0.56	1906	4.93
March	6.25	5.80	15.34	1917	2.09	1918	4.52
April	4.78	4.61	15.40	1874	0.30	1915	6.61
May	4.02	3.43	11.25	1929	0.46	1941	3.03
June	5.02	5.10	9.31	1884	1.53	1936	7.25
July	5.72	5.50	11.28	1910	1.23	1901	8.09
August	5.14	4.74	13.96	1920	1.18	1918	6.73
September	3.20	3.36	7.43	1906	0.20	1876	4.76
October	3.12	2.70	9.27	1949	T	1904	9.27
November	3.76	3.20	13.18	1948	0.51	1924	1.37
December	5.26	4.81	12.98	1932	1.09	1898	4.70
Annual	57.51	56.48	84.80	1875	40.00	1940	69.61
			Chattanooga, Tennessee				
January	5.30	4.74	14.74	1882	1.33	1907	11.72
February	5.00	4.78	12.30	1939	0.68	1898	4.59
March	5.93	5.24	14.05	1899	0.93	1910	5.82
April	4.74	4.35	15.29	1911	0.44	1942	5.76
May	3.99	3.93	12.00	1929	0.37	1941	3.93
June	4.12	4.10	9.20	1884	0.29	1931	7.01
July	4.56	4.47	13.49	1916	0.67	1902	9.50
August	3.94	3.20	12.36	1920	0.45	1929	2.53
September	2.93	2.50	7.87	1889	0.04	1919	1.98
October	3.07	2.74	12.07	1949	0.08	1938	12.07
November	3.58	3.19	12.70	1948	0.16	1890	1.18
December	5.10	4.82	12.63	1942	0.44	1889	3.97
Annual	52.26	52.03	72.37	1929	32.68	1904	70.06
			Lewisburg, Tennessee				
January	4.98	4.53	13.14	1937	1.25	1943	8.83
February	4.96	4.65	13.14	1939	1.08	1941	3.02
March	5.87	5.58	12.50	1902	0.94	1910	5.54
April	4.46	4.51	12.60	1912	0.56	1915	3.17
May	4.07	3.82	8.50	1933	0.60	1941	3.99
June	4.15	3.66	13.46	1900	0.72	1899	6.46
July	4.47	4.02	9.85	1941	1.55	1930	4.83
August	4.15	3.38	11.40	1923	0.57	1909	1.96
September	3.01	2.96	8.87	1906	0.32	1927	1.48
October	3.05	2.62	8.88	1919	0.05	1924	5.55
November	3.66	3.37	10.27	1948	0.76	1949	0.76
December	4.80	4.28	11.71	1922	1.01	1928	4.19
Annual	51.63	51.32	64.40	1937	37.42	1904	49.78

PRECIPITATION STATISTICS FOR SELECTED STATIONS--Continued

Precipitation in Inches

Month	Mean	Median	Maximum		Minimum		1949
			Amount	Date	Amount	Date	
Muscle Shoals, Alabama*							
January	4.96	4.61	12.25	1937	1.98	1914	11.40
February	5.09	4.72	13.64	1948	0.54	1941	3.17
March	5.84	5.28	16.15	1897	1.26	1910	4.22
April	4.52	3.83	16.07	1892	0.74	1930	1.78
May	4.03	3.90	11.29	1939	0.16	1941	2.62
June	4.24	3.92	13.87	1900	0.60	1897	6.26
July	4.56	3.77	14.60	1916	0.77	1935	5.94
August	3.92	3.30	10.60	1894	0.35	1948	5.70
September	3.05	2.72	7.87	1890	0.00	1897	2.67
October	2.71	2.08	11.05	1918	0.00	1924	5.00
November	3.57	3.50	11.39	1948	0.16	1949	0.16
December	4.80	4.35	14.59	1926	1.10	1889	3.65
Annual	51.29	50.76	76.21	1932	30.92	1943	52.57
Johnsonville, Tennessee							
January	5.39	4.30	23.51	1937	0.64	1944	9.09
February	4.19	3.75	9.56	1939	0.79	1947	2.94
March	5.25	5.13	13.07	1927	0.59	1910	6.21
April	4.74	4.22	12.29	1892	0.53	1887	3.17
May	4.39	3.46	10.19	1909	0.70	1891	4.06
June	4.14	3.54	13.34	1928	0.37	1930	6.55
July	4.10	3.88	10.12	1892	0.06	1890	3.85
August	3.85	2.92	13.70	1914	0.34	1948	5.01
September	3.45	3.14	11.31	1921	0.00	1897	2.02
October	2.96	2.58	11.44	1919	T	1924	4.64
November	4.14	3.69	11.90	1906	0.74	1949	0.74
December	4.61	4.23	14.66	1926	0.05	1889	9.30
Annual	51.21	49.94	75.80	1919	33.97	1941	57.58

*Before December 1940 the Muscle Shoals, Alabama, station was at Florence, Alabama.

ANNUAL STREAM FLOW IN INCHES - 1949

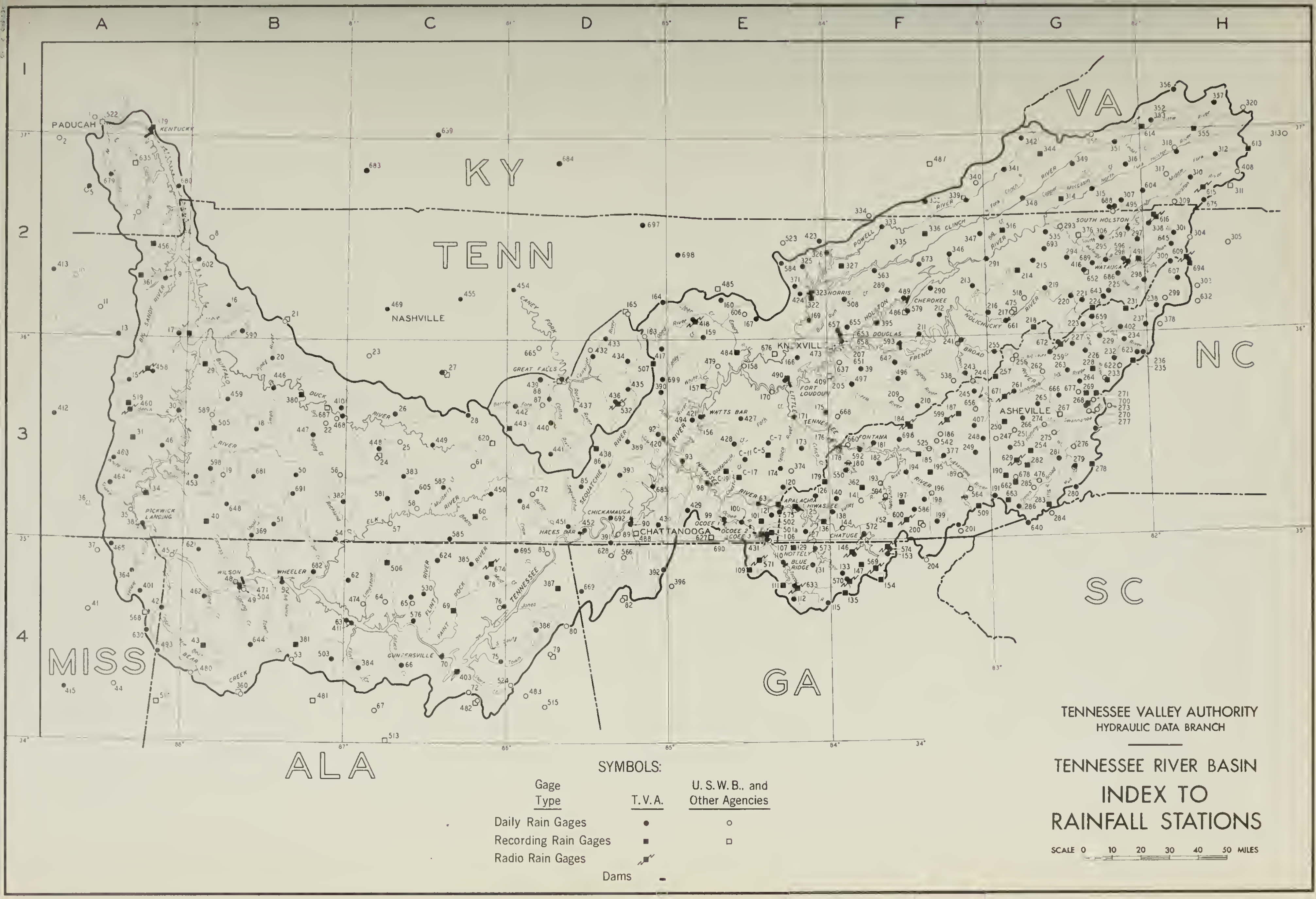
Tennessee River at	Water Year		Calendar Year	
	1949	Mean	1949	Mean
Knoxville	25.00	19.54	24.75	19.60
Chattanooga	29.77	23.75	28.09	23.77

MONTHLY AND ANNUAL RAINFALL AND RUNOFF

TENNESSEE RIVER ABOVE CHATTANOOGA, TENNESSEE

Drainage Area - 21,400 Square Miles

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL
Rainfall in Inches 1890 - 1949													
1949	6.49	3.80	4.54	4.81	3.58	5.40	7.98	6.23	2.97	6.22	2.24	3.77	58.03
Maximum	10.32	9.69	11.40	7.49	7.95	8.67	11.07	13.33	6.91	8.37	10.30	9.98	62.81
Minimum	1.42	0.96	1.37	0.95	0.80	1.73	2.69	1.25	0.77	0.17	0.44	1.06	37.23
Mean	4.47	4.58	5.27	4.14	4.08	4.51	5.38	4.67	3.21	2.96	3.12	4.53	50.92
Median	4.10	4.40	4.96	4.10	3.80	4.56	5.08	4.24	3.02	2.48	2.74	4.16	51.93
Runoff in Inches 1874 - 1949 (Unregulated)													
1949	4.84	3.23	2.73	2.75	2.14	1.55	2.87	1.55	1.07	1.45	1.70	2.21	28.09
Maximum	9.42	7.45	9.62	7.11	5.28	3.75	3.90	4.28	2.69	3.17	3.77	5.11	36.54
Minimum	0.50	0.62	1.30	1.01	0.61	0.50	0.45	0.26	0.21	0.30	0.30	0.41	11.22
Mean	3.07	3.22	3.75	2.99	2.03	1.48	1.38	1.20	0.88	0.82	1.11	1.90	23.83
Median	2.82	3.07	3.25	2.71	1.84	1.28	1.15	1.01	0.72	0.72	0.87	1.67	23.64
Runoff in Cubic Feet Per Second 1874 - 1949 (Unregulated)													
1949	89,800	66,300	50,600	52,800	39,800	29,800	53,300	28,700	20,600	26,900	32,600	41,000	44,300
Maximum	174,800	147,800	178,500	136,400	98,000	72,000	72,300	79,400	51,500	58,900	72,400	94,800	57,600
Minimum	9,200	12,700	24,100	19,400	11,300	9,600	8,300	4,760	3,990	5,510	5,800	7,700	17,690
Mean	57,000	65,600	69,600	57,400	37,700	28,400	25,600	22,300	16,900	15,200	21,300	35,300	37,500
Median	52,300	62,600	60,300	52,000	34,200	24,600	21,300	18,800	13,800	13,400	16,700	31,000	37,200



TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
INDEX TO RAINFALL STATIONS

SCALE 0 10 20 30 40 50 MILES

SYMBOLS:

Gage Type	T.V.A.	U.S.W.B., and Other Agencies
Daily Rain Gages	●	○
Recording Rain Gages	■	□
Radio Rain Gages	■	
Dams	▬	

ANNUAL 1949 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	TENNESSEE RIVER - MOUTH TO JOHNSONVILLE																															
1	PADUCAH	A-1	USWB	340	68	11.08	4.37	5.66	3.62	6.23	4.93	#1.51	4.54	#4.31	3.90	4.65	4.06	4.49	3.43	3.65	3.46	4.32	3.04	6.00	2.90	0.71	3.84	4.89	3.59	#57.50	45.68	4.5
522	PADUCAH (NEAR) (R)	A-1	SCS	348	9	10.02	3.78	5.10	3.36	5.88	4.69	1.88	3.90	3.23	4.56	4.80	3.15	6.81	2.84	3.63	2.72	5.30	2.74	6.43	3.29	0.65	3.65	4.49	3.02	58.22	41.70	---
2	LOVELACEVILLE	A-2	USWB	479	25	11.15	4.68	6.42	3.90	7.30	5.32	1.19	4.78	3.26	3.75	3.03	4.46	3.01	2.67	4.02	3.58	3.02	3.58	8.11	3.53	0.83	3.50	5.24	3.62	56.58	47.37	10.0
379	KENTUCKY DAM (R)	A-1	TVA	362	12	8.50	3.72	6.03	4.21	5.68	4.95	1.55	4.18	3.16	3.96	5.48	3.77	3.20	3.17	3.52	3.12	1.88	2.36	6.19	2.64	0.84	3.84	6.09	3.32	52.12	43.24	---
379a	KENTUCKY DAM	A-1	TVA	362	5	8.47	4.49	6.22	4.74	5.59	5.15	1.61	3.72	3.10	4.47	5.82	3.87	3.34	3.18	3.19	2.46	2.08	3.23	6.22	3.52	0.80	5.00	6.10	3.93	52.54	47.76	5.0
679	HICKSVILLE	A-2	TVA	440	2	7.29		7.90		5.81		2.25		3.30		5.89		3.82		9.27		3.02		6.56		0.67		6.24		62.02		4.1
5	MAYFIELD	A-2	USWB	364	37	6.72	4.71	7.35	3.35	6.01	4.84	2.41	4.41	3.23	4.12	3.62	3.73	3.29	3.88	2.71	3.48	3.06	3.07	7.71	2.98	0.85	3.73	6.18	3.99	53.14	46.29	5.2
5a	MAYFIELD SUBSTA.	A-2	TVA	364	6	8.18	4.32	8.16	5.39	6.45	5.72	2.57	4.11	3.11	5.08	3.76	3.72	2.97	3.73	4.64	3.70	2.52	3.05	7.47	3.84	0.77	5.03	6.27	4.49	56.87	52.18	7.0
635	BENTON (R)	A-2	USWB	410	5	----		----		5.24		1.83		2.32		7.37		3.80		10.11		2.80		----		0.87		----		-----		---
7	MURRAY	A-2	USWB	412	24	8.11	5.22	6.99	3.99	5.96	5.55	2.96	4.41	3.18	4.16	6.42	4.03	4.65	3.26	4.73	3.32	1.32	3.38	8.64	3.00	1.17	3.31	6.24	3.79	60.37	47.42	9.0
680	TURKEY CREEK SCHOOL	A-2	TVA	345	2	7.46		8.76		6.20		1.60		3.99		5.06		1.20		8.01		0.92		6.22		1.46		5.32		56.20		5.8
8	DOVER	B-2	USWB	492	57	6.79	5.37	5.15	3.79	6.45	4.83	3.49	4.45	2.15	4.12	9.48	4.11	4.90	3.38	8.39	3.58	0.93	3.25	5.49	3.30	1.22	3.81	7.32	4.62	61.76	48.61	3.5
602	DOVER FIRE TOWER (NEAR)	B-2	TVA	410	6	7.49		5.26		7.20		3.26		2.48		8.28		10.81		3.64		1.98		5.36		1.10		7.70		64.56		4.0
456	BUCHANAN (R)	A-2	TVA	435	10	8.41	4.01	4.71	4.16	6.81	5.51	3.20	3.96	2.38	4.10	6.92	3.46	8.00	3.92	6.25	4.08	2.93	2.63	7.63	3.26	0.87	4.53	6.87	4.04	64.98	47.66	---
9	SPRINGVILLE	A-2	TVA	377	35	7.66	5.48	3.66	3.90	6.34	5.29	2.22	4.30	3.60	4.53	8.62	3.48	3.55	3.84	6.59	3.60	2.70	3.08	7.04	3.01	1.08	4.06	6.25	4.66	59.31	49.23	2.7
10	DRESDEN	A-2	USWB	422	26	7.60	5.72	4.74	3.74	6.40	5.04	2.72	4.49	3.04	4.36	5.55	4.41	5.04	3.12	7.96	3.34	3.36	2.99	8.56	3.15	1.07	3.38	6.75	4.43	62.79	48.17	5.0
361	PARIS EVAPORATION STA. (R)	A-2	TVA	455	12	8.15	5.44	3.71	4.55	6.89	5.60	2.32	4.34	2.65	3.64	7.87	4.04	6.03	4.20	8.09	3.39	3.59	2.65	6.33	3.18	0.83	3.40	7.15	4.61	63.61	49.04	---
11	MCKENZIE	A-2	USWB	475	16	9.05	5.96	3.65	3.89	7.48	5.28	3.63	3.80	3.48	3.90	6.24	3.93	1.86	3.47	4.32	3.01	2.42	3.33	7.75	3.63	0.74	3.58	7.58	4.54	58.20	48.32	---
13	HUNTINGDON	A-2	TVA	435	20	9.62	5.97	2.45	3.96	6.78	6.04	2.78	4.44	2.07	4.55	9.28	4.00	4.73	4.24	5.60	3.45	2.23	3.17	7.40	3.03	1.53	3.95	9.84	4.23	64.31	51.03	5.7
15	WILDERSVILLE	A-3	TVA	480	35	10.25	5.77	2.42	4.13	6.15	5.19	3.90	4.47	6.69	4.56	6.33	4.13	5.72	3.98	6.52	4.14	1.99	3.06	5.55	3.04	0.91	4.00	8.93	4.82	65.36	51.29	4.0
16	ERIN (NEAR)	B-2	TVA	470	14	9.15	6.24	3.32	4.32	6.86	5.54	2.56	3.94	4.19	3.83	6.79	3.54	5.43	4.74	4.43	3.21	2.38	2.84	5.36	2.82	1.43	4.05	9.41	4.61	61.31	49.68	3.3
	DUCK RIVER																															
459	PLEASANTVILLE	B-3	TVA	495	10	8.14	5.32	3.52	4.98	5.83	5.69	3.07	4.24	5.14	4.05	7.52	3.24	3.79	3.41	3.05	4.49	1.20	2.79	5.52	2.38	1.28	4.84	6.43	4.87	54.49	50.30	4.0
589	LINDEN	B-3	USWB	500	8	----	5.16	----	4.13	----	5.50	----	4.68	----	4.23	----	4.23	3.56	3.99	2.88	3.96	0.92	3.09	5.31	3.42	1.50	3.78	5.89	5.32	-----	51.49	---
505	SUGAR HILL (R)	B-3	TVA	610	9	8.26	6.24	3.59	5.22	5.95	5.07	2.32	4.04	4.69	3.62	7.07	2.42	4.08	3.03	2.43	4.88	0.90	3.18	5.19	2.31	1.56	4.71	4.90	4.79	50.94	49.51	---
18	HOHENWALD	B-3	TVA	975	62	8.11	5.31	2.83	4.84	7.44	6.02	2.99	4.95	4.96	4.34	6.13	4.23	1.91	4.20	2.66	4.29	0.66	3.09	6.08	2.83	1.08	4.12	5.04	5.24	49.89	53.46	3.5
598	WAYNESBORO (NEAR)	B-3	TVA	860	6	7.57	7.00	3.01	6.33	7.50	6.52	2.98	4.81	3.21	4.38	7.35	4.17	8.11	3.59	4.49	3.74	1.25	3.20	5.50	2.44	1.15	5.38	4.80	5.03	56.92	56.59	4.0
19	WAYNESBORO	B-3	USWB	730	65	8.71	5.00	3.09	4.22	7.07	5.67	2.66	5.38	3.12	4.80	7.44	4.07	5.93	4.53	4.55	4.60	0.70	3.23	6.72	3.25	1.53	3.78	4.27	5.63	55.79	54.16	4.8
590	MCEWEN (NEAR)	B-2	TVA	532	8	----		3.43		6.72		1.95		3.26		7.93		4.92		5.25		1.05		4.79		1.20		7.61		-----		---
20	PINEWOOD	B-3	TVA	520	34	8.19	5.71	3.20	3.95	6.00	5.18	3.18	4.70	2.85	4.12	6.62	3.55	2.75	3.93	3.69	3.99	0.78	2.63	6.25	2.82	0.79	3.78	6.97	4.93	51.27	49.29	4.0
21	DICKSON	B-2	USWB	800	58	9.37	5.23	3.22	3.74	5.93	5.36	2.97	4.81	4.39	4.63	9.18	4.30	1.85	3.88	2.45	4.06	1.24	2.84	6.22	3.14	1.22	3.87	6.87	4.92	54.91	50.78	4.0
21a	DICKSON (R)	B-2	USWB	800	9	9.28	5.23	3.23	3.74	5.73	5.36	2.83	4.81	4.27	4.63	8.71	4.30	1.72	3.88	2.26	4.06	1.14	2.84	5.75	3.14	1.16	3.87	6.69	4.92	52.77	50.78	---
446	CENTERVILLE SUBSTA.	B-3	TVA	550	10	7.79	5.50	3.26	4.99	5.56	5.25	4.22	4.12	4.44	3.60	10.71	3.60	5.20	3.47	5.26	4.34	1.01	2.80	6.02	2.08	1.05	4.45	6.00	4.59	60.52	48.79	3.4
446a	CENTERVILLE	B-3	USWB	630	4	7.51		----		5.55		4.66		----		#11.30		5.98		4.15		0.96		6.09		0.70		6.18		-----		3.0
380	SHADY GROVE (R)	B-3	TVA	580	11	7.29	4.90	2.94	5.68	6.14	5.03	3.08	3.95	3.80	3.40	11.52	3.20	4.64	3.90	4.26	3.82	0.80	2.54	6.88	1.86	0.73	3.99	5.33	4.33	57.41	46.60	---
447	MT. PLEASANT SUBSTA.	B-3	TVA	650	10	5.88	4.20	#3.02	5.74	7.28	5.50	3.79	4.00	4.01	3.49	11.47	3.01	6.33	4.09	3.55	4.01	0.93	3.51	6.54	2.35	0.80	4.18	3.90	4.43	#57.50	48.51	2.0
687	MONSANTO (R)	B-3	MCCO	625	2	6.89		3.02		5.85		3.13		4.18		9.68		4.60		3.33		1.01		6.84		0.70		5.12		54.35		---
22	ASHWOOD	B-3	USWB	725	77	6.41	4.72	2.71	3.82	6.11	5.17	3.93	4.34	3.24	4.25	8.39	3.92	5.05	3.54	4.28	4.02	1.39	3.10	7.33	3.09	0.58	3.28	4.94	4.66	54.36	47.91	3.5
468a	COLUMBIA	B-3	USWB	675	2	7.55		2.49		5.40		3.25		2.27		10.05		2.63		3.23		0.84		6.88		0.71		4.64		49.94		3.0
410	COLUMBIA SUBSTA.	B-3	TVA	620	11	7.16	4.42	3.04	5.32	6.05	5.23	4.41	3.88	3.18	3.30	10.45	3.84	3.04	3.47	5.52	4.90	2.06	3.70	8.45	2.39	0.95	4.21	4.96	4.46	59.27	49.12	3.0
468	COLUMBIA	B-3	TVA	650	10	7.08	4.44	2.83	5.30	5.95	5.06	3.49	3.80	2.17	3.18	8.18	3.22	3.48	4.03	3.70	4.73	1.62	3.86	#7.07	2.55	----	----	4.11	4.18	-----	-----	2.2
23	FRANKLIN	C-3	USWB	625	70	7.98	4.71	2.90	3.89	----	5.25	3.27	4.70	3.66	3.98	8.74	4.27	7.18	3.55	2.34	3.97	0.68	3.01	4.37	3.00	0.67	3.68	5.23	4.84	-----	48.85	---
448	LEWISBURG NO. 2 SUBSTA.	C-3	TVA	740	10	9.61	4.86	2.99	6.01	5.88	5.15	3.03	4.08	3.58	4.06	7.01	3.41	7.04	5.09	3.21	3.55	1.54	3.32	6.07	2.39	1.03	4.18	3.79	4.15	54.78	50.25	3.0
24	LEWISBURG (NEAR)	C-3	USWB	787	56	8.83	4.93	3.02	4.36	5.54	5.78	#3.17	4.58	3.99	4.25	6.46	4.25	4.83	4.24	1.96	4.51	1.48	3.01	5.55	3.30	0.76	3.47	4.19	5.29	#49.78	51.97	2.0
24a	LEWISBURG (NEAR) (R)	C-3	USWB	787	10	8.56	4.93	2.97	4.36	5.49	5.78	3.09	4.58	4.02	4.25	6.47	4.25	4.61	4.24	1.85	4.51	1.39	3.01	5.46	3.30	0.47	3.47	4.10	5.29	48.48	51.97	---
25	PALMETTO	C-3	USWB	770	60	8.48	4.68	3.07	4.16	4.83	5.33	3.63	4.38	3.86	4.43	5.46	4.43	9.40	4.58	1.11	4.18	1.28	2.96	6.25	3.39	0.35	3.28	4.01	4.98	51.73	50.78	2.5
26	CHAPEL HILL	C-3	TVA	675	14	8.13	5.67	3.01	5.57	5.87	5.14	3.69	3.95	2.50	4.35	4.47	2.92	5.52	4.55	1.56	4.17	0.86	3.28	5.86	2.62	0.86	4.56	3.36	4.01	45.69	50.79	1.5
27a	MURFREESBORO	C-3	USWB	608	68	6.82	4.75	3.05	3.67	4.74	5.16	4.05	4.48	3.05	4.14	7.82	3.93	4.96	4.33	3.15	4.19	0.89	3.07	5.55	3.07	1.09	3.49	3.70	4.67	48.87	48.95	1.8
27b	MURFREESBORO SUBSTA.	C-3	TVA	580	10	7.07	4.57	3.04	5.45	4.92	5.32	3.86	3.54	3.01	3.96	8.23	2.97	4.24	4.38	2.49	3.60	0.77	3.34	5.35	2.14	1.13	4.74	5.36	4.60	49.47	48.61	2.5
27c	MURFREESBORO (R)	C-3	USWB	608	10	6.57	4.75	2.88	3.67	4.75	5.16	4.00	4.48	3.22	4.14	7.51	3.93	4.91	4.33	3.18	4.19	0.83	3.07	5.73	3.07	0.64	3.49	3.49	4.67	47.71	48.95	---
449	SHELBYVILLE	C-3	TVA	742	10	11.23	4.96	2.94	6.12	5.81	5.27	3.42	3.90	2.89	3.72	7.91	3.77	2.92	4.03	1.86	3.36	1.56	3.29	5.41	2.31	0.96	4.20	4.57	4.67	51.48	49.60	2.8
28	BEECH GROVE	C-3	TVA	875	13	10.87	6.14	3.45	6.22	5.15	5.40	4.11	3.66	4.77	4.37	6.94	3.80	4.77	4.24	1.95	5.03	1.75	3.38	6.11	2.51	1.07	4.53	4.11	4.57	55.05	53.85	5.0
620	MANCHESTER (R)	C-3	USWB	1060	6	----		----		----		----		----		----		----	-	----		----		----		----		4.54		-----		---
	TENNESSEE RIVER - JOHNSONVILLE TO PICKWICK																															
17	JOHNSONVILLE	A-2	TVA	410	66	9.09	5.39	2.94	4.19	6.21	5.25	3.17	4.74	4.06	4.39	6.55	4.14	3.85	4.10	5.01	3.85	2.02	3.45	4.64	2.96	0.74	4.14	9.30	4.61	57.58	51.21	4.3
17a	JOHNSONVILLE STEAM PLANT (R)	B-2	TVA	390	-	ESTABLISHED AUGUST 18, 1949														----		1.72		4.17		0.76		8.34		-----		---
458	CAVVIA	A-3	TVA	598	10	8.40	4.70	2.67	4.52	6.76	6.15	2.69	4.50	6.96	4.12	7.23	3.57	2.59	3.68	4.77	4.08	1.34	3.34	5.72	3.21	0.98	5.16	8.28	4.65	58.39	51.68	4.0
29	CUBA LANDING (R)	B-3	TVA	444	14	9.85	5.92	3.55	4.44	6.30	5.32	2.43	3.87	4.80	3.88	5.59	3.65	3.29	3.90	2.07	2.64	0.94	2.25	4.77	2.63	1.81	3.98	6.94	4.15	52.34	46.63	---
30	PERRYVILLE	A-3	TVA	430	54	9.39	5.51	3.06	4.24	7.21	5.81	2.86	4.56	5.36	4.12	5.37	4.01	3.39	3.87	5.56	3.70	1.53	2.94	5.26	3.09	1.55	4.01	5.87	5.01	56.41	50.87	3.5
519	OAK GROVE (R)	A-3	TVA	532	9	10.24	5.76	3.03	4.56	6.31	5.40	3.19	4.49	9.65	4.67	8.11	3.74	3.31	3.05	4.67	4.10	1.21	3.51	5.27	3.46	0.93	5.22	7.34	5.01	63.26	52.97	---
461	DUNBAR, TENNESSEE	A-3	TVA	535	10	8.91	5.27	3.58	5.16	7.10	5.76	3.58	4.51	5.56	3.89	5.65	3.19	8.37	2.93	6.19	4.19	1.62	2.85	5.64	2.82	1.43	4.85	6.23	5.08	63.86	50.50	3.5
453	CLIFTON JUNCTION	B-3	TVA	474	10	9.07	4.65	3.68	5.31	6.59	5.81	3.91	4.67	4.49	3.42	6.40	3.62	7.89	3.06	3.94	3.70	1.34	3.35	5.07	2.31	1.44	4.74	5.05	4.73	58.87	49.37	4.5
40	VICTORY (R)	B-3	TVA	850	14	9.39	6.19	2.67	6.15	7.79	5.96	3.23	5.12	5.42	4.28	8.14	4.11	6.24	4.85	5.91	4.61	1.37	3.23	6.08	3.44	0.76	5.19	4.45	4.84	61.45	57.97	---
31	REAGAN (R)	A-3	TVA	600	29	9.34	5.01	3.12	4.24	7.92	4.67	2.95	4.48	8.25	3.93	5.29	3.96	4.12	3.73	6.26	3.48	2.11	3.02	5.23	2.77	1.33	3.95	6.15	4.92	62.07	48.16	---
463	ENVILLE	A-3	TVA	537	10	10.35		3.29		7.35		2.24		4.97		4.25		4.60		6.75		1.62		4.72		1.08		#5.58		#56.80		4.1
34	SAVANNAH	A-3	USWB	440	67	9.71	5.06	3.12	4.00	6.40	5.62	2.84	4.92	10.32	4.54	4.23	4.06	4.55	4.32	8.55	3.86	1.73	3.31	6.06	3.18	0.85	3.80	4.56	5.50	62.92	52.17	4.5

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1949 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	TENNESSEE RIVER - JOHNSONVILLE TO PICKWICK (CONT'D)																															
34a	SAVANNAH (R)	A-3	TVA	450	5	9.13		2.55		5.58		3.14		8.95		4.30		5.77		6.24		1.26		5.84		1.09		3.73		57.58		---
464	LEAPWOOD (NEAR)	A-3	TVA	540	10	9.76	5.26	3.32	5.69	8.47	5.97	3.04	4.31	3.18	3.19	3.31	3.46	5.52	3.25	9.26	3.95	1.64	3.96	5.65	3.12	1.36	4.94	5.04	4.67	59.55	51.77	4.5
35	SHILOH	A-3	USDI	483	39	10.20	5.54	3.08	4.69	6.64	5.86	3.32	4.87	3.62	4.46	4.05	3.80	4.25	4.15	6.33	3.57	1.72	2.91	5.93	3.34	1.28	4.01	4.58	5.33	55.00	52.53	4.0
36	BELMER	A-3	USWB	438	25	9.28	5.02	3.03	4.51	6.74	5.78	3.46	4.36	5.38	4.07	7.30	4.23	3.63	3.25	1.59	3.72	0.67	3.37	4.93	3.51	1.15	3.86	5.23	5.09	52.39	50.77	4.0
465	ACTON (NEAR)	A-4	TVA	510	10	9.71		2.60		7.69		4.20		3.64		2.77		3.66		3.66		1.03		5.61		1.09		4.77		50.43		4.0
37	CORINTH	A-4	USWB	470	64	9.10	4.98	2.59	4.26	7.97	5.51	4.52	4.79	3.36	4.50	4.62	3.76	4.28	4.77	3.23	4.02	0.93	3.10	5.56	3.28	1.18	3.72	4.43	5.77	51.77	52.46	5.2
	TENNESSEE RIVER - PICKWICK TO FLORENCE																															
38	PICKWICK LANDING DAM	A-3	TVA	479	15	8.88	5.93	2.79	5.09	6.59	5.26	3.99	4.25	2.58	3.56	4.80	3.95	5.71	3.69	2.93	3.19	1.67	2.90	5.40	3.28	0.95	4.80	4.85	4.46	51.14	50.36	4.5
364	BURNSVILLE SUBSTA.	A-4	TVA	452	12	12.05	5.82	3.55	5.89	7.01	5.92	3.67	4.70	4.03	4.38	2.81	3.40	4.67	3.60	3.40	3.81	3.09	2.83	5.25	2.18	1.07	5.56	3.82	4.65	54.42	52.74	4.0
401	MIDWAY	A-4	TVA	610	11	10.89	5.61	4.08	6.59	6.16	5.98	3.12	4.15	2.50	3.80	3.11	3.72	5.83	3.74	3.61	3.59	1.47	2.89	5.06	2.41	0.73	5.47	3.96	4.57	50.52	52.52	3.0
41	BOONEVILLE	A-4	USWB	504	56	10.95	5.13	3.85	4.35	6.07	5.63	5.66	4.90	2.64	4.64	5.43	4.02	4.47	4.15	5.30	3.67	2.35	3.07	4.87	3.10	1.21	3.78	4.51	6.03	57.31	52.47	5.0
42	BISHOP	A-4	TVA	470	15	13.01	6.31	3.78	5.93	7.00	6.54	4.27	4.78	2.42	4.07	5.89	3.81	4.50	4.05	4.37	3.82	1.71	2.83	5.51	2.56	1.08	4.82	3.93	4.22	57.47	53.74	4.0
43	BELGREEN (R)	B-4	TVA	800	15	14.29	5.96	3.70	6.26	5.44	6.71	3.36	4.62	2.21	3.82	4.18	3.60	2.18	4.68	3.91	3.89	3.11	2.86	4.44	2.85	0.90	4.20	2.82	4.05	50.54	53.50	---
568	TISHOMINGO (R)	A-4	USWB	550	8	12.42	6.27	3.86	5.77	7.91	6.41	2.94	3.29	2.94	4.18	4.48	2.87	6.72	3.85	4.39	3.92	1.88	3.09	4.70	2.59	0.78	4.98	2.80	4.36	55.82	51.58	---
630	BELMONT (NEAR)	A-4	TVA	585	7	12.76	7.78	3.95	8.37	6.88	7.32	2.64	4.64	2.80	4.02	5.16	2.52	4.73	3.64	4.23	3.18	2.10	4.09	4.82	2.29	1.10	5.72	3.62	4.27	54.79	57.84	4.0
493	RED BAY	A-4	TVA	627	9	13.59	6.02	2.93	6.25	5.29	6.77	2.30	3.75	2.44	4.07	3.99	2.96	4.58	3.98	5.40	4.55	2.35	2.92	3.98	2.34	0.38	5.30	3.13	4.76	50.36	53.67	4.0
480	HODGES	B-4	USWB	870	12	13.50	6.19	3.75	6.69	7.48	6.62	----	----	4.38	3.59	6.47	4.35	3.75	4.42	5.54	3.94	3.62	2.53	5.70	1.72	1.34	4.31	4.16	4.38	-----		3.0
510	BEXAR (R)	A-4	USWB	-	9	12.91	5.90	4.61	5.03	7.51	5.89	3.67	3.38	2.76	3.38	4.83	2.44	3.05	4.56	1.58	3.42	2.73	2.89	2.42	2.28	----	----	3.06	4.25	-----		---
44	FULTON	A-4	USWB	335	41	13.29	4.62	4.02	5.53	6.80	5.42	3.47	4.62	2.82	4.74	3.27	3.86	4.58	4.57	3.21	3.59	2.51	2.75	6.48	2.83	0.30	3.50	2.50	5.72	53.25	51.75	3.0
360	HALEYVILLE	B-4	USWB	947	13	17.77	6.87	5.36	6.33	6.96	6.69	3.01	4.37	4.26	3.53	6.91	4.93	7.06	6.09	4.96	4.51	5.51	3.34	3.19	2.18	0.98	4.22	5.23	4.77	71.20	57.83	3.0
360a	HALEYVILLE (R)	B-4	USWB	947	10	17.43	6.01	5.27	5.89	6.78	6.68	2.97	3.84	3.88	2.53	6.70	4.08	6.45	5.22	4.40	4.62	5.44	3.11	3.30	1.84	0.54	4.36	5.17	4.77	68.33	52.95	---
45	WATERLOO	A-4	USWB	430	53	----	4.73	----	4.52	----	5.68	----	4.89	----	4.37	----	3.98	9.37	4.22	2.81	3.89	1.10	2.99	4.15	3.38	0.58	3.72	3.08	5.35	-----	51.72	---
621	YOUNGS STORE (NEAR)	B-4	TVA	840	6	11.45	6.61	3.38	6.49	7.18	6.11	3.67	4.24	7.28	4.85	8.14	3.82	11.75	4.88	6.32	3.81	2.85	3.76	6.05	2.53	1.15	6.59	3.25	5.51	72.47	59.20	3.0
583	SMITHSONIA (NEAR)	B-4	TVA	500	8	11.53	5.54	3.56	6.55	6.54	6.00	DISCONTINUED APRIL 1, 1949																		-----		---
462	BARTON	B-4	TVA	463	10	11.68	6.01	3.74	6.58	6.67	6.28	2.48	4.07	4.37	4.03	6.64	2.82	2.39	3.74	4.09	3.96	1.01	2.83	4.66	2.18	1.20	4.96	6.49	5.62	55.42	53.08	5.2
	TENNESSEE RIVER - FLORENCE TO GUNTERSVILLE																															
48	FLORENCE (AT LOCK)	B-4	USED	440	14	10.44	4.86	3.33	4.64	4.68	5.71	2.01	4.60	3.01	4.25	5.74	4.47	4.92	4.62	6.34	3.86	2.27	2.85	4.35	3.22	0.82	3.45	4.20	5.14	52.11	51.67	2.5
504	MUSCLE SHOALS	B-4	USWB	534	66	11.40	4.86	3.17	4.64	4.22	5.71	1.78	4.60	2.62	4.25	6.26	4.47	5.94	4.62	5.70	3.86	2.67	2.85	5.00	3.22	0.16	3.45	3.65	5.14	52.57	51.67	---
471	WILSON DAM	B-4	TVA	530	16	11.35	5.38	3.67	5.84	4.85	5.51	1.97	4.03	2.94	3.13	6.43	3.55	4.83	3.90	7.70	3.29	2.39	2.77	5.10	2.48	0.69	4.28	4.33	4.04	56.25	48.20	2.4
49	TVA NURSERY	B-4	TVA	505	15	11.51	5.44	3.68	6.17	4.69	5.56	1.86	4.24	3.00	3.16	5.11	3.50	4.18	4.05	7.78	3.56	2.30	2.67	4.77	2.58	0.61	4.20	4.04	3.96	53.53	49.09	1.2
369	IRON CITY	B-3	TVA	540	29	7.59	5.19	3.64	5.50	6.30	5.55	2.16	4.66	5.70	4.46	6.95	3.94	5.92	4.55	6.37	4.48	2.25	3.48	9.31	2.45	0.92	3.85	4.20	5.49	61.31	53.60	3.0
648	MCGLAMERY	B-3	TENN	950	5	9.13		2.87		6.98		3.74		5.04		5.77		5.19		2.26		1.91		5.43	DISCONT. OCTOBER 31, 1949					-----		---
648a	COLLINWOOD	B-3	TVA	950	-	EST. FEB. 3'49		3.21		7.29		3.26		6.00		5.95		5.98		2.09		1.88		5.52		1.18		4.56		-----		---
681	OVILLA	B-3	TVA	980	2	9.22		3.31		7.95		3.41		3.74		6.91		6.30		3.69		1.59		6.65		1.08		5.11		58.96		3.5
51	LORETTO	B-3	TVA	774	22	10.04	5.70	3.64	5.51	7.35	6.52	2.43	4.86	3.42	4.27	5.55	3.59	8.87	4.73	3.37	4.14	1.97	2.69	8.18	3.23	0.69	4.40	4.09	4.69	59.60	54.33	2.5
691	LAWRENCEBURG	B-3	TVA	850	-	9.44		3.33		7.52		3.53		4.49		7.36		5.41		3.37		2.89		6.81		0.78		4.83		59.76		2.5
50	ETHRIDGE	B-3	TVA	970	14	9.40	5.33	5.55	5.63	7.70	4.90	5.15	4.21	4.53	3.71	8.12	3.19	4.61	4.48	3.40	3.44	1.56	2.81	6.38	2.60	0.96	4.34	4.73	4.23	62.09	48.87	2.0
644	NEWBURG	B-4	TVA	660	6	14.45	8.59	3.42	7.29	5.61	6.37	2.58	4.27	1.95	2.93	5.95	4.66	5.64	5.09	4.89	4.20	4.41	3.96	2.79	1.46	1.27	4.81	2.85	4.12	55.81	57.75	2.1
521	CENTER STAR (NEAR)	B-4	TVA	600	9	#12.85	6.10	4.31	6.36	5.06	5.77	DISCONTINUED APRIL 1, 1949																		-----		---
52	WHEELER DAM	B-4	TVA	580	14	13.98	5.87	3.57	6.12	6.64	5.91	2.23	4.07	3.05	3.17	3.93	3.54	4.73	4.44	7.27	3.32	3.03	2.29	3.57	2.31	0.99	4.24	4.23	4.24	57.22	49.52	2.0
682	SHOEMAKER SPRINGS	B-4	TVA	610	2	#13.85		3.83		5.83		2.66		4.52		10.26		8.58		1.14		3.25		2.79		0.98		4.64		#62.33		2.1
381	MOULTON (R)	B-4	TVA	630	11	14.28	5.53	4.35	6.16	5.38	6.10	2.62	3.22	4.47	2.83	7.57	3.85	1.96	3.61	9.26	4.02	3.11	2.66	2.48	1.33	0.82	3.64	4.33	3.72	60.63	46.67	---
53	CENTRAL TOWER	B-4	USFS	1500	15	11.52	5.53	4.37	5.95	6.01	6.51	4.88	4.29	5.05	3.60	7.46	3.50	5.43	4.65	2.91	4.06	4.21	2.67	2.76	2.10	1.26	3.76	4.69	4.26	60.55	50.88	3.0
481	ADDISON (R)	B-4	USWB	875	11	14.37	5.80	5.49	6.52	7.20	5.57	4.21	4.00	2.94	2.73	----	----	5.90	4.90	3.19	3.99	5.27	3.56	3.22	1.86	0.68	4.24	----	----	-----		---
62	ATHENS, ALABAMA	C-4	TVA	710	15	14.59	6.37	4.94	5.69	6.68	6.35	3.11	4.19	5.44	3.20	9.12	3.60	4.35	4.19	1.35	3.52	3.38	2.89	2.59	2.66	1.33	4.37	4.64	4.73	61.52	51.76	2.7
63	DECATUR	C-4	USWB	573	71	12.98	4.63	4.86	4.43	5.35	5.62	3.75	4.48	3.04	3.83	8.84	3.79	2.43	4.35	2.63	3.91	4.37	2.37	2.66	3.07	2.17	3.20	5.01	5.04	58.09	48.72	2.0
63b	DECATUR NO. 4	C-4	TVA	600	3	14.43		5.15		5.63		3.70		3.79		8.50		2.37		3.18		4.15		2.74		1.31		4.97		59.92		2.0
411	DECATUR NO. 2 SUBSTA.	C-4	TVA	588	11	12.93	5.47	4.58	5.58	4.73	5.70	3.33	3.62	3.49	2.48	7.14	3.23	2.41	3.92	2.83	3.19	3.59	3.33	2.70	1.72	1.28	4.00	4.18	4.13	53.19	46.37	1.8
503	DANVILLE	B-4	TVA	595	9	12.80	5.68	5.12	5.72	5.25	5.93	3.29	3.64	3.44	2.88	6.09	2.98	1.72	3.43	3.82	3.39	4.18	3.85	2.33	1.87	#1.40	4.56	4.58	4.50	#54.02	48.43	2.0
384	FALKVILLE	C-4	TVA	620	11	10.80	5.30	4.91	6.88	5.32	5.68	3.69	3.62	3.89	3.16	9.62	3.86	3.47	4.88	2.32	3.67	3.53	3.20	3.66	1.95	0.80	4.30	4.67	4.15	56.68	50.65	2.8
513	GARDEN CITY (R)	C-4	USWB	504	9	10.92	5.08	7.01	5.64	6.73	6.55	----	----	4.74	3.20	4.38	3.30	5.96	4.89	2.29	4.16	3.21	3.34	5.30	2.55	0.72	4.49	4.10	5.43	-----		---
474	ALABAMA STATE FARM	C-4	API	600	20	13.60	4.87	4.37	5.24	5.67	5.78	4.01	3.67	4.69	3.30	9.52	3.24	6.03	4.64	4.81	3.74	5.01	3.30	3.19	2.54	1.09	3.86	4.74	4.86	66.73	49.04	3.4
64	MADISON	C-4	USWB	573	56	14.02	4.63	4.56	4.58	6.15	5.73	4.48	4.83	4.04	3.99	9.18	4.26	7.92	4.62	2.52	3.79	5.80	3.01	4.53	3.39	0.73	3.52	4.82	5.36	68.75	51.71	2.0
65	HUNTSVILLE SUBSTA.	C-4	TVA	615	28	12.70	5.50	4.23	5.07	5.85	5.60	3.25	5.00	4.62	3.76	7.09	4.59	4.21	4.46	0.91	4.08	4.27	2.80	4.79	2.72	0.92	3.62	4.59	4.55	57.43	51.75	2.1
65a	HUNTSVILLE	C-4	USWB	620	9	12.45	4.73	4.71	4.60	6.12	5.76	3.90	4.82	4.10	3.99	7.62	4.31	2.29	4.69	0.76	3.91	3.97	2.96	4.07	3.32	0.60	3.46	4.75	5.41	55.34	51.96	2.0
66	CENTER GROVE	C-4	TVA	780	14	12.43	6.42	6.73	6.61	6.10	6.78	5.07	5.30	5.56	3.58	8.68	4.75	7.96	5.32	5.96	4.88	5.01	3.45	8.70	3.06	2.27	4.81	6.08	4.83	80.55	59.79	4.2
67	ST. BERNARD	C-4	USWB	802	43	#11.00	5.51	6.43	4.92	6.71	5.97	2.59	4.84	3.88	4.49	6.68	4.27	6.51	5.32	1.50	4.66	4.72	2.79	8.26	3.74	1.08	3.72	4.67	5.53	#64.03	55.76	---
576	FARLEY	C-4	TVA	670	8	10.39	5.58	4.65	6.81	5.18	6.31	5.22	4.25	4.12	3.52	6.69	3.55	2.20	2.76	2.86	2.78	3.79	4.07	3.84	2.10	1.14	4.28	4.40	4.45	54.48	50.46	2.2
530	MONTE SANO NO. 6	C-4	TVA	1650	9	14.08	6.54	5.27	6.31	7.47	6.42	4.55	4.28	6.14	3.87	9.96	5.07	3.60	4.01	2.33	3.29	4.38	4.27	4.95	2.56	0.99	5.20	5.90	5.61	69.62	57.43	3.0
506	TONEY (R)	C-4	TVA	750	9	14.03	5.85	4.09	5.62	6.99	5.40	4.37	3.59	3.70	2.79	7.12	2.54	5.70	3.89	2.07	2.57	4.99	3.39	2.74	1.91	1.49	4.18	4.34	4.64	61.63	46.37	---
624	NEW MARKET	C-4	TVA	725	7	14.86	7.46	4.68	6.33	6.66	6.39	5.51	4.40	5.85	4.58	10.56	4.43	3.90	3.82	2.05	2.37	2.46	4.16	4.06	2.20	1.14	5.45	5.39	4.85	67.12	56.44	2.0
585	ELORA	C-3	TVA	940	8	10.44	5.50	4.56	6.45	6.18	5.80	7.39	4.72	5.89	3.91	8.95	4.92	4.34	2.69	3.15	3.47	1.65	3.72	4.95	2.37	#1.19	4.91	5.21	5.52	#63.90	53.98	3.0
69	PAINT ROCK (R)	C-4	TVA	610	14	13.56	6.22	5.44	6.46	5.82	5.94	4.01	4.86	6.22	3.14	8.48	4.15	4.58	4.13	4.51	4.02	4.88	3.30	7.33	2.36	1.90	4.21	5.23	4.74	71.96	53.53	---
385	SWAIM	C-4	TVA	665	11	14.01	5.91	4.90	7.43	6.80	6.13	5.64	4.31	6.36	4.10	10.54	4.50	4.45	4.43	3.99	3.91	1.44	3.17	5.34	2.15	1.14	4.67	3.86	4.93	68.47	55.64	0.9
78	HYTOP	C-4	TVA	1500	15	13.48	6.70	5.44	6.79	6.95	6.47	7.84	5.54	8.06	4.41	7.48	4.36	7.88	5.38	4.95	3.74	2.65	3.29	7.77	3.09	#1.46	5.06	6.01	5.39	#79.97	60.22	3.8

(#) Interpolated or partly interpolated. (R) Recorder at present.

TENNESSEE VALLEY AUTHORITY

ANNUAL 1949 PRECIPITATION—In Inches

HYDRAULIC DATA BRANCH

Ste. No.	Station Name and Location	Index	Owner	Elev.	Yrs.of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	ELK RIVER																															
54	BETHEL	B-3	TVA	650	15	14.02	6.17	3.89	6.04	6.74	6.09	3.28	4.35	4.88	4.10	7.75	3.31	8.28	5.61	2.37	3.41	3.41	3.85	2.80	2.87	0.87	4.72	4.32	4.19	62.61	54.71	3.0
382	PULASKI	B-3	TVA	690	11	11.55	5.29	#3.41	6.77	6.80	5.63	3.49	3.78	3.56	3.86	5.60	3.35	7.38	4.27	1.54	3.75	3.67	3.65	5.59	2.19	#0.81	4.55	4.85	4.42	#58.25	51.51	1.9
56	LYNNVILLE (NEAR)	B-3	USWB	744	64	9.82	4.87	4.06	4.60	6.52	5.69	3.89	4.83	3.60	4.26	6.61	4.68	9.31	4.86	2.33	4.45	4.00	3.07	7.17	3.50	0.98	3.39	4.06	5.23	62.35	53.43	2.5
57	COLDWATER	C-3	USWB	645	54	15.04	4.97	5.57	4.64	6.17	5.93	3.88	4.98	2.87	4.35	6.32	4.26	4.66	4.19	1.81	4.24	3.82	2.96	5.10	3.46	0.38	3.70	4.42	5.65	60.04	53.33	3.0
581	BOONSBILL	C-3	TVA	680	8	13.75	6.47	3.77	6.96	6.77	5.99	3.81	3.76	4.41	4.36	5.47	3.24	5.61	3.91	2.09	3.84	3.20	4.32	3.76	2.09	0.86	4.64	5.02	5.12	58.52	54.70	2.6
58	FAYETTEVILLE	C-3	USWB	695	35	#11.56	4.81	3.29	5.27	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3.96	2.96	0.92	4.07	4.32	4.59	-----		---
605	BELLEVILLE	C-3	TVA	747	8	13.23	6.80	4.46	7.43	6.59	6.13	3.39	4.26	3.34	4.41	9.87	4.26	5.54	4.80	1.66	2.65	3.06	4.26	5.39	2.62	0.87	5.00	4.70	5.42	62.10	58.04	2.0
383	PETERSBURG	C-3	TVA	785	11	11.77	5.91	3.70	7.16	6.63	5.69	2.62	3.85	7.36	4.32	12.45	4.37	3.04	5.14	2.86	3.38	1.83	3.30	4.01	2.09	1.27	4.46	5.13	4.67	62.67	54.34	2.5
582	LYNCHBURG	C-3	TVA	780	8	14.19	6.40	4.43	6.77	7.11	6.20	3.34	3.85	4.81	4.23	9.03	4.02	6.27	4.08	3.01	3.47	2.67	4.59	4.46	2.30	1.30	4.87	4.65	5.44	65.27	56.22	2.5
60	BELVIDERE (R)	C-3	TVA	970	14	13.20	5.46	4.06	5.12	6.08	5.05	5.34	4.08	3.62	3.45	7.12	3.98	5.56	5.26	1.94	3.92	1.78	3.01	4.99	2.48	1.38	3.80	4.62	4.22	59.69	49.83	---
61	TULLAHOMA	C-3	USWB	1065	63	#13.34	4.89	3.30	4.63	5.88	5.80	#3.07	5.11	3.60	4.29	8.62	4.26	2.87	4.80	3.24	4.44	2.80	3.26	6.08	3.59	1.11	3.59	5.02	5.80	#58.93	54.46	2.0
459	WINCHESTER SUBSTA.	C-3	TVA	960	10	11.89	5.52	4.39	5.71	4.64	5.30	4.54	4.03	3.42	4.10	6.47	4.57	7.89	5.67	3.79	4.02	2.14	3.32	7.02	2.92	1.30	4.19	4.60	4.79	62.09	54.14	2.0
472	MONTEAGLE	D-3	USWB	1920	10	13.78	4.97	5.75	4.36	7.27	5.63	5.09	4.93	2.35	4.60	6.79	5.17	9.41	5.25	3.20	5.09	3.65	3.26	10.22	3.49	1.38	3.87	6.22	5.21	75.11	55.83	2.0
	TENNESSEE RIVER - GUNTERSVILLE TO CHICKAMAUGA																															
70	GUNTERSVILLE DAM	C-4	TVA	611	14	10.08	5.69	5.77	5.90	5.16	5.95	2.87	4.59	5.37	2.96	6.80	3.75	3.75	4.51	4.26	3.94	3.66	2.74	7.00	2.32	1.17	3.69	3.48	4.39	59.37	50.43	2.0
403	GUNTERSVILLE (R)	C-4	TVA	610	11	11.21	5.80	5.08	5.95	6.08	6.21	3.06	4.14	4.37	2.95	4.01	3.20	6.87	4.18	5.23	4.06	3.83	3.09	9.80	2.41	1.39	3.79	3.11	4.61	64.04	50.39	---
72	ALBERTVILLE	C-4	USWB	1114	24	9.11	5.15	6.21	4.88	----	6.29	#4.38	4.66	4.75	4.21	----	4.24	----	5.01	3.88	4.41	3.88	3.17	7.66	3.27	1.11	3.72	----	5.36	-----	54.37	---
482	BOAZ (R)	C-4	USWB	1010	9	10.97	5.39	#6.68	6.28	6.05	6.24	4.56	4.73	5.03	3.40	2.54	3.85	4.54	4.39	1.41	4.03	5.11	3.49	5.04	2.08	0.58	4.16	3.88	4.74	#56.39	52.78	---
482a	BOAZ	C-4	USWB	1010	12	----		6.73		6.05		4.50		4.93		2.91		4.60		1.45		5.22		4.40		1.50		4.15		-----		---
524	SAND MOUNTAIN STATE FARM	D-4	API	1195	9	11.79	6.04	6.73	6.42	5.98	6.66	4.96	4.74	4.72	3.55	4.52	3.71	5.57	4.17	2.52	4.42	3.03	3.33	5.45	2.75	0.94	4.86	4.03	5.85	60.24	56.50	3.0
483	COLLINSVILLE	D-4	USWB	825	12	12.77	6.25	5.66	7.00	4.93	6.51	4.03	4.86	4.19	3.81	4.29	3.76	6.42	4.66	3.45	3.99	5.86	3.35	4.59	2.20	0.99	4.63	3.89	4.78	61.07	55.80	2.0
515	LEESBURG	D-4	USWB	636	57	9.73	5.16	8.18	5.33	5.81	6.17	5.29	4.65	4.80	3.81	4.99	4.02	3.14	5.35	1.64	4.06	4.23	2.97	4.83	3.23	1.12	3.41	4.04	5.78	57.80	53.94	1.0
75	SOUTH BILL	C-4	TVA	980	14	11.67	6.81	5.20	6.30	5.80	6.16	4.23	5.14	6.01	3.88	4.11	3.62	6.25	4.89	3.46	4.16	4.04	3.06	6.56	2.66	1.13	4.00	3.25	4.92	61.71	55.60	3.0
79	FT. PAYNE (R)	D-4	USWB	920	9	----	----	5.60	5.87	5.29	6.54	3.94	4.28	4.83	3.82	3.23	3.25	3.34	3.73	2.85	2.89	4.41	3.64	5.65	2.61	0.25	2.85	2.45	5.44	-----		---
79a	FT. PAYNE	D-4	USWB	920	14	9.89	6.32	5.76	6.17	5.47	6.37	4.02	4.97	4.98	3.43	3.72	4.04	3.67	4.50	3.25	3.66	4.73	2.83	4.88	2.45	0.96	3.79	2.75	4.61	54.08	53.14	4.0
80	VALLEY HEAD	D-4	USWB	981	65	10.84	4.85	----	4.84	5.67	5.65	#3.98	5.08	6.79	4.26	3.22	4.29	3.60	5.01	4.01	4.56	4.17	2.55	7.43	3.45	0.77	3.16	#3.13	5.17	-----	52.87	---
386	SYLVANIA	D-4	TVA	1400	11	11.92	6.15	6.34	7.17	5.71	6.06	6.42	4.40	5.00	3.47	4.52	4.51	3.74	3.86	0.12	3.28	3.25	3.18	6.99	2.23	1.28	4.21	3.71	4.96	59.00	53.48	2.5
76	SCOTTSBORO	C-4	USWB	652	68	10.90	4.82	6.07	4.84	5.57	5.81	6.05	4.81	7.40	3.98	6.67	4.42	3.83	4.97	5.19	4.14	2.93	2.84	10.37	3.27	1.79	3.28	4.79	5.47	71.56	52.65	2.5
76a	SCOTTSBORO SUBSTA.	C-4	TVA	660	3	12.26		6.37		5.71		6.57		6.87		7.19		3.48		6.60		3.05		9.39		1.81		4.75		74.05		2.0
695	PLEASANT GROVE SCHOOL	D-4	TVA	633	-	ESTABLISHED MAY 1, 1949								3.92		6.64		10.03		3.81		2.72		6.00		1.00		5.37		-----		---
387	FLAT ROCK (R)	D-4	TVA	1380	11	10.26	5.40	4.56	6.39	5.41	5.67	3.66	3.74	6.79	3.90	3.15	3.44	3.47	3.63	1.89	3.18	2.10	2.36	6.98	2.08	1.03	3.99	3.22	4.45	52.52	48.23	---
83	BRIDGEPORT	D-4	USWB	690	54	11.49	4.81	5.06	4.84	5.65	5.96	4.68	4.68	5.30	4.18	#8.20	4.17	7.48	4.89	3.24	4.06	2.80	2.65	8.76	3.25	0.99	3.32	4.78	5.37	#68.43	52.18	---
84	SEWANEE	D-3	TVA	1925	56	13.99	5.14	4.93	5.00	7.03	6.02	4.21	4.84	3.42	4.26	7.17	4.86	9.62	5.46	3.82	4.60	2.65	3.06	7.49	3.27	1.75	4.07	6.03	5.08	72.11	55.66	2.5
451	JASPER SUBSTA.	D-3	TVA	650	10	14.47	6.04	4.44	6.00	6.50	6.20	4.58	4.39	4.08	3.47	7.04	3.69	6.75	5.16	4.23	3.45	2.28	2.63	6.72	2.81	1.85	4.82	5.72	5.40	68.66	54.06	2.1
85	LOCKHART TOWER	D-3	TVA	2400	14	14.90	6.75	4.74	6.60	7.28	6.33	5.03	5.03	4.14	4.21	5.19	4.88	7.27	6.56	5.65	4.98	1.82	2.54	9.17	3.27	1.41	4.78	5.74	5.45	72.34	61.38	---
86	DUNLAP	D-3	TVA	730	26	12.49	5.77	4.25	5.04	6.01	5.24	3.52	4.67	2.51	3.31	6.70	4.24	6.53	5.51	3.41	4.15	2.11	3.11	5.82	2.94	1.03	3.60	5.40	5.05	59.78	52.63	1.5
438	CAGLE (R)	D-3	TVA	2030	10	11.19	5.31	3.69	5.29	5.65	5.42	5.48	4.03	2.67	3.11	4.75	3.37	5.26	4.70	5.25	4.08	1.91	2.67	7.70	2.90	1.20	3.77	4.68	4.87	59.43	49.52	---
389	COLLEGE JUNCTION	D-3	TVA	800	11	10.11	5.09	3.95	5.88	5.37	5.24	4.43	4.03	3.12	3.46	6.95	4.15	4.71	4.80	4.71	3.66	2.13	2.83	5.62	2.49	1.24	3.92	4.01	4.69	56.35	50.24	2.0
390	LITTON	D-3	TVA	980	11	10.23	5.08	3.32	6.15	5.13	5.25	4.54	4.11	3.88	3.63	5.83	3.98	10.14	6.05	4.25	4.09	2.07	3.18	7.24	2.34	1.23	4.15	5.21	5.04	63.07	53.05	2.0
452	HALES BAR DAM	D-3	TVA	690	10	10.60	5.13	4.41	5.52	5.78	5.33	4.02	3.91	4.17	3.23	5.50	3.82	8.56	4.54	3.10	2.70	2.57	2.60	6.71	2.57	1.26	3.97	4.61	4.65	61.29	47.97	2.0
452a	HALES BAR LOCK	D-3	USED	670	10	11.41	6.09	4.56	5.69	6.07	5.68	4.29	4.15	4.34	3.48	5.64	4.04	8.18	4.71	4.23	2.97	2.74	2.77	6.51	2.52	DISCONT. NOV. 1, 1949				-----		---
692	SIGNAL MOUNTAIN	D-3	TVA	1720	-	12.32		4.74		6.16		5.97		3.01		7.89		7.66		2.93		2.31		9.42		1.51		5.21		69.13		2.4
669	RISING FAWN	D-4	TVA	820	3	9.84		4.94		5.21		3.75		4.96		3.08		6.81		2.49		1.87		8.13		1.40		3.39		55.87		2.5
391	LOOKOUT MOUNTAIN	D-4	TVA	2100	20	11.89	5.74	4.67	5.85	5.74	5.71	5.41	4.05	3.47	3.97	5.27	4.37	6.03	5.30	2.83	4.30	2.23	3.20	10.20	3.27	1.14	4.19	3.98	5.12	62.86	55.07	3.0
628	FLINTSTONE	D-4	PRIVATE	710	7	12.35		4.69		5.58		5.83		3.41		4.53		7.09		1.91		2.27		10.71		0.81		3.58		62.76		---
89	CHATTANOOGA	D-3	USWB	750	71	11.72	5.26	4.59	4.88	5.82	5.78	5.76	4.85	3.93	3.79	7.01	4.16	9.50	4.25	2.53	4.03	1.98	3.11	12.07	3.01	1.18	3.36	3.97	5.13	70.06	51.61	3.0
488	CHATTANOOGA AIRPORT (R)	D-3	USWB	671	12	11.00	5.26	4.94	4.88	5.26	5.78	4.96	4.85	2.33	3.79	9.40	4.16	7.71	4.25	3.46	4.03	2.33	3.11	9.91	3.01	1.02	3.36	4.37	5.13	66.69	51.61	3.0
566	CHICKAMAUGA PARK	D-4	USDI	789	9	11.14	6.18	5.16	6.51	5.25	5.97	4.89	4.18	3.24	3.43	6.53	3.88	7.31	6.25	3.06	3.79	2.55	3.69	9.65	3.41	0.73	4.45	3.69	5.31	63.20	57.05	---
82	LAFAYETTE	D-4	USWB	810	18	----	5.38	6.17	5.54	5.19	5.17	4.75	5.48	3.45	3.51	7.01	4.84	6.97	5.19	4.57	4.56	3.08	3.36	10.29	2.48	1.23	3.09	2.79	4.68	-----	53.28	---
82a	LAFAYETTE (R)	D-4	USWB	810	10	10.59	5.38	5.90	5.54	----	5.17	4.66	5.48	3.29	3.51	6.90	4.84	6.58	5.19	#4.57	4.56	3.48	3.36	10.40	2.48	0.83	3.09	2.77	4.68	-----	53.28	---
392	TUNNEL BILL	D-4	TVA	880	11	9.40	5.42	4.79	6.51	4.72	5.54	3.93	3.71	2.55	3.82	3.37	4.22	5.13	3.72	7.25	4.34	4.28	3.13	8.59	2.76	0.63	3.95	3.56	4.69	58.20	51.81	2.5
396	DALTON	E-4	USWB	800	13	9.31	6.45	5.44	5.62	4.71	5.62	#4.67	5.00	2.76	4.19	3.54	4.36	----	5.19	6.70	4.89	----	3.00	10.86	2.46	1.04	3.29	3.56	4.94	-----	55.01	4.0
	CANEY FORK ABOVE ROCK ISLAND																															
88	ROCK ISLAND POWERHOUSE	D-3	TVA	813	45	12.80	4.91	3.77	4.65	5.05	5.77	4.38	4.22	3.12	4.11	3.55	4.42	6.76	5.25	5.95	4.30	1.72	3.59	6.03	3.10	1.21	3.52	4.37	4.82	58.71	52.66	2.0
88a	ROCK ISLAND (R)	D-3	USWB	813	10	10.13	4.80	3.10	5.35	4.63	4.60	3.60	3.46	2.83	2.94	3.78	3.56	5.49	4.84	5.42	3.73	1.39	3.40	5.70	2.65	0.70	3.91	3.89	4.64	50.66	47.88	---
665	SMITHVILLE	D-3	USWB	1030	6	9.13	5.38	3.26	4.57	4.91	5.99	4.90	4.56	3.94	3.94	7.69	4.57	3.52	4.93	6.14	4.63	0.83	2.91	6.25	3.11	1.03	3.81	4.11	4.41	55.71	52.81	1.6
439	DIBRELL	D-3	TVA	950	10	12.11	4.93	2.89	5.60	5.21	5.25	4.50	3.62	2.24	3.77	6.35	3.66	4.63	4.77	7.41	4.29	0.72	3.68	6.26	2.38	1.70	4.21	4.31	4.45	58.33	50.61	1.6
440	IRVING COLLEGE	D-3	TVA	1050	10	8.74	4.12	3.49	5.14	5.64	4.92	3.97	3.44	2.40	2.92	2.85	3.60	6.44	4.55	4.76	3.55	2.19	2.84	4.78	2.28	1.07	3.37	3.87	4.11	50.20	44.84	1.7
441	ALTAMONT	D-3	TVA	1920	10	12.36	5.49	4.77	6.40	6.01	5.74	4.58	4.52	2.82	3.54	5.24	3.87	4.75	4.54	3.53	3.94	2.69	3.52	5.71	2.58	0.98	4.20	5.17	5.46	58.61	53.80	3.0
87	MCMINNVILLE	D-3	USWB	1015	69	12.12	4.80	3.54	3.94	4.85	5.48	3.78	4.42	2.53	4.02	6.35	4.41	4.14	5.17	6.55	4.16	1.57	3.36	5.09	3.39	1.04	3.30	3.99	4.96	55.55	51.41	2.8
87b	MCMINNVILLE	D-3	TVA	1000	8	12.55	5.76	3.72	6.52	4.97	5.10	3.89	3.51	3.32	3.87	4.26	3.93	6.20	5.48	6.89	4.06	1.41	3.87	4.95	2.33	1.53	4.31	4.17	5.18	57.86	53.92	2.5
442	TROUSDALE	D-3	TVA	980	10	11.82	4.74	3.75	5.97	4.41	4.99	4.06	3.47	2.88	3.27	6.90	3.49	2.74	4.22	7.07	4.40	1.07	3.35	4.69	2.31	1.31	3.91	4.45	4.59	55.15	48.71	2.8
443	SUMMITVILLE (R)	D-3	TVA	1120	10	13.33	5.28	3.70	6.26	5.70	5.61	4.02	3.81	3.43	3.62	8.00	3.35	4.23	4.63	2.33	3.74	2.76	3.20	5.43	2.56	1.38	3.92	3.97	4.61	58.28	50.59	---
437	ROCKY RIVER	D-3	TVA	900	10	9.68	4.80	3.33	5.70	4.81	5.27	3.14	3.67	2.59	3.44	5.52	4.89	7.81	5.39	7.89	4.81	1.67	3.36	5.17	2.62	1.53	3.68	3.71	4.35	56.85	51.98	1.5
432	SPARTA SUBSTA.	D-3	TVA	920	34	12.49	4.89	3.34	4.29	5.10	5.56	4.48	4.30	2.29	4.00	7.11	4.89	5.58	5.39	4.32	4.66	0.81	3.30	5.14	2.87	1.09	3.48	4.46	4.63	56.21	52.26	2.5

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1949 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	CANEY FORK ABOVE ROCK ISLAND (CONT'D)																															
432a	SPARTA (NEAR)	D-3	USWB	900	10	11.42	5.93	3.78	6.03	4.96	4.56	5.02	3.83	2.53	3.77	5.80	3.65	5.42	4.52	3.25	4.11	1.38	3.54	5.38	2.45	0.99	4.51	4.15	4.61	54.08	51.51	1.0
433	TAYLORS	D-2	TVA	950	10	11.71	4.93	#3.92	5.51	#4.93	5.39	4.78	3.72	1.85	3.74	4.51	4.16	3.99	4.79	5.14	3.92	1.08	3.70	4.70	2.34	1.18	3.93	4.71	5.00	#52.50	51.13	2.2
165	MONTEREY	D-2	USWB	1900	17	12.31	5.27	3.62	5.42	5.70	5.94	4.29	4.57	2.99	4.53	8.21	4.88	6.28	5.36	7.20	5.79	1.99	4.00	6.58	2.80	2.00	3.99	5.96	5.10	67.13	57.65	4.5
165a	MONTEREY (R)	D-2	USWB	1900	2	11.85	5.27	3.54	5.42	5.46	5.94	4.12	4.57	2.76	4.53	8.24	4.88	5.87	5.36	6.78	5.79	1.91	4.00	6.23	2.80	1.56	3.99	5.57	5.10	63.89	57.65	---
434	EASTLAND	D-3	TVA	1750	33	11.46	5.59	3.67	5.03	6.08	6.38	5.31	5.14	1.96	4.08	7.21	5.27	5.48	5.73	3.52	4.74	1.15	3.71	5.29	3.40	1.42	3.43	4.62	5.43	57.17	57.93	2.0
435	HERBERT	D-3	TVA	1660	10	8.71	4.72	3.51	5.52	4.56	5.05	4.01	4.12	1.68	3.15	6.95	3.57	5.13	4.94	5.86	4.19	1.78	2.90	6.96	2.58	1.30	3.40	4.37	4.61	54.82	48.75	2.7
436	FALLS CREEK PARK	D-3	TVA	1500	10	9.87	4.61	3.87	5.79	4.38	4.90	4.03	3.94	2.00	3.38	3.63	3.81	8.65	6.16	5.87	4.36	2.10	3.32	8.62	2.87	1.13	3.62	5.13	5.01	59.28	51.77	---
532	BLEDSOE STATE FOREST	0-3	TENN	1700	9	8.51	4.43	3.38	5.20	4.54	4.59	4.04	3.79	1.98	3.36	4.37	3.51	7.90	5.78	4.59	3.85	2.20	3.54	6.63	2.67	1.83	4.08	4.81	5.49	54.78	50.29	1.5
	TENNESSEE RIVER - CHICKAMAUGA TO WATTS BAR																															
90	CHICKAMAUGA DAM	D-3	TVA	700	14	11.39	6.50	5.08	5.76	5.83	5.58	5.32	4.76	3.00	3.70	5.00	4.10	6.75	5.11	3.44	3.51	2.49	2.64	9.86	3.20	1.41	4.10	4.78	5.34	64.35	54.30	---
430	OOLTEWAH	D-3	TVA	765	10	10.64	5.69	----	----	4.75	5.59	4.69	3.63	2.96	3.30	6.06	3.70	7.41	5.02	3.83	4.24	2.56	2.73	10.75	3.38	1.46	3.79	4.42	5.14	-----		---
393	LEWIS CHAPEL	D-3	TVA	1850	11	14.60	6.09	4.85	6.58	7.03	6.40	4.18	4.59	3.77	3.68	10.16	4.82	7.59	5.03	4.68	4.16	2.07	2.86	9.46	2.76	1.15	4.62	5.22	5.47	74.76	57.06	2.2
685	FRIENDSHIP SCHOOL	D-3	TVA	760	2	13.61		4.63		5.91		4.63		3.79		5.17		7.69		3.78		2.28		9.63		1.58		5.80		68.50		2.0
420	MORGANTOWN	D-3	TVA	740	10	11.50	5.69	4.13	5.38	6.35	5.84	5.37	4.79	2.24	3.59	8.79	4.60	7.69	5.92	5.01	4.13	2.68	3.20	10.77	3.06	0.80	4.42	5.02	5.31	70.35	55.93	1.5
92	MORGAN SPRINGS	D-3	TVA	1900	15	12.17	7.02	4.52	5.94	6.83	5.92	5.48	5.18	3.20	4.18	11.01	4.70	10.22	6.03	4.58	5.29	3.09	2.93	10.29	3.91	1.00	4.85	5.98	5.14	78.37	61.09	3.2
156	BREEDENTON	E-3	USWB	700	55	11.56	4.76	3.84	4.85	5.60	5.87	4.18	4.84	3.35	4.20	3.10	4.67	8.85	5.01	4.31	4.36	4.56	3.20	7.02	3.31	1.01	3.72	4.57	6.05	61.95	54.84	2.0
427	RIDDLES STORE	E-3	TVA	980	10	9.66	5.51	3.42	5.26	5.67	5.10	3.49	3.98	4.04	3.56	4.33	3.50	9.19	6.24	3.39	4.11	3.78	2.97	6.92	3.48	1.46	3.98	4.48	4.71	59.83	52.40	1.5
494	PORTER LAKE	E-3	TVA	725	9	11.50	5.88	3.94	5.13	5.51	5.49	5.58	4.60	3.15	3.73	2.78	3.49	5.49	5.04	4.06	2.82	4.66	3.26	8.89	3.49	1.00	4.56	5.75	5.23	62.31	52.72	3.0
	TENNESSEE RIVER - WATTS BAR TO KNOXVILLE																															
421	WATTS BAR DAM	E-3	TVA	830	10	11.22	5.48	4.20	5.31	5.82	5.35	5.58	4.44	2.59	3.74	3.61	3.71	6.29	5.36	3.05	2.91	5.45	3.17	7.91	3.11	0.94	4.14	4.79	4.89	61.45	51.61	---
157	ROODY (R)	E-3	TVA	800	14	11.56	5.84	3.09	5.47	4.93	5.20	5.44	4.63	2.53	3.69	2.34	3.23	6.06	5.83	2.63	3.24	3.40	2.98	6.71	3.03	0.96	4.07	5.05	5.08	54.70	52.29	---
479	ROCKWOOD	E-3	PRIVATE	910	31	13.17	5.24	3.70	5.49	5.37	5.31	5.25	4.41	2.89	4.05	3.31	4.01	6.57	5.22	3.07	3.75	2.87	3.59	7.57	2.46	1.26	4.42	5.95	5.25	60.98	53.20	1.5
170	LOUDON	E-3	USWB	800	59	7.28	4.38	3.11	4.36	----	5.03	----	4.62	----	3.77	----	4.58	11.21	4.33	3.70	4.44	2.35	3.38	7.03	3.13	1.20	3.44	3.40	5.62	-----	51.08	---
490	FORT LOUDOUN DAM (R)	E-3	TVA	880	9	7.93	5.26	3.84	5.37	5.10	4.64	4.40	3.57	3.55	3.68	2.59	2.79	12.57	7.01	3.56	2.62	1.85	3.37	6.63	3.06	1.38	3.75	3.52	4.61	56.92	49.73	---
490a	FORT LOUDOUN DAM	E-3	TVA	880	9	7.73	5.24	3.31	5.31	4.96	4.62	4.37	3.57	3.67	3.70	2.72	2.80	12.86	7.05	3.75	2.64	2.07	3.39	6.97	3.10	1.47	3.76	3.72	4.63	57.60	49.81	---
637	U.S.COTTON FIELD STA.	F-3	USDA	885	15	6.91	5.50	2.81	5.30	4.80	4.89	4.88	4.01	2.28	3.46	4.08	3.32	4.88	5.60	4.01	3.55	2.08	2.49	5.49	2.63	1.98	3.47	3.47	4.08	47.67	48.30	---
409	KNOXVILLE AIRPORT (R)	F-3	USWB	995	12	6.81	4.66	2.86	4.51	5.06	5.05	4.04	4.14	2.57	3.75	3.22	4.10	5.52	4.36	5.07	3.92	2.38	2.68	6.67	2.62	1.51	3.07	3.03	4.52	48.74	47.38	2.0
205	ALCOA	F-3	ALCOA	900	34	6.58	5.08	3.45	4.88	4.95	5.55	3.91	4.23	4.09	3.73	2.86	4.22	6.55	5.18	4.22	3.87	2.35	3.00	6.20	2.84	2.52	3.44	2.52	4.53	50.20	50.55	---
394	PROVIDENCE	F-3	TVA	1100	11	6.19	4.40	3.31	4.85	4.98	4.68	4.37	3.43	2.64	3.19	5.38	3.67	5.16	4.89	4.61	3.84	2.37	2.66	5.11	2.41	1.94	3.22	2.57	4.00	48.63	45.24	1.5
497	WALLAND	F-3	TVA	900	9	6.21	4.79	3.15	4.83	3.99	4.78	4.02	3.33	2.98	3.74	3.85	3.35	7.58	6.04	3.62	4.56	3.28	3.04	6.08	3.17	1.96	3.56	2.97	4.40	49.69	49.59	1.5
473	UNIV. TENNESSEE FARM (R)	F-3	U.T.	800	12	7.04	4.52	2.96	5.57	4.27	4.58	5.74	4.05	2.47	3.69	5.43	4.05	9.02	6.35	3.94	3.89	1.85	2.70	5.21	2.26	1.92	3.65	3.41	4.15	53.26	49.46	---
473a	UNIV. TENN. FARM LYSIMETER PLOT	F-3	U.T.	850	30	7.04	4.51	2.87	4.99	4.31	5.01	5.74	4.29	3.34	3.97	5.61	4.27	9.23	5.42	3.92	4.35	1.46	2.80	5.07	2.67	1.76	3.52	3.50	4.73	53.85	50.53	---
207	KNOXVILLE (R)	F-3	USWB	1035	79	6.44	4.66	2.73	4.51	4.02	5.05	5.43	4.14	3.23	3.75	5.37	4.10	8.10	4.36	4.90	3.92	1.15	2.68	5.72	2.62	1.38	3.07	3.19	4.52	51.66	47.38	---
651	UNIV. TENN. GEOLOGY BLDG. (R)	F-3	U.T.	974	79	5.00	4.66	2.44	4.51	3.83	5.05	5.38	4.14	3.06	3.75	6.60	4.10	7.56	4.36	4.35	3.92	0.65	2.68	5.10	2.62	1.40	3.07	3.30	4.52	48.67	47.38	2.0
658	KNOXVILLE GARAGE	F-3	TVA	890	5	6.95		2.66		3.74		----		----		4.18		7.86		4.82		#1.34		5.43		1.79		3.42		-----		---
653	WHITTLE SPRINGS	F-2	TVA	1070	5	7.34		2.75		4.36		3.83		1.81		3.16		9.55		4.24		1.45		5.19		2.14		3.64		49.46		---
655	RITTA	F-2	TVA	1030	5	7.50		2.89		4.46		4.36		3.13		3.39		7.08		5.45		1.20		5.30		2.18		3.73		50.67		2.0
657	FOUNTAIN CITY	F-2	TVA	970	5	7.98		2.93		4.74		4.09		2.50		3.41		9.28		4.03		1.37		5.50		#2.34		3.62		#51.79		---
	CLINCH RIVER BELOW NORRIS DAM																															
158	KINGSTON	E-3	USWB	760	66	10.15	4.55	3.82	4.41	5.24	5.41	6.08	4.62	2.41	3.82	6.10	4.54	6.84	4.89	3.01	3.95	1.53	3.38	7.81	3.02	1.23	3.45	5.29	5.43	59.51	51.47	1.5
434	HARRIMAN (R)	E-3	TVA	810	29	11.20	4.54	3.94	5.03	5.27	5.68	3.66	4.62	1.49	3.79	5.68	4.21	6.67	5.91	2.58	3.40	1.72	3.06	6.80	2.72	1.48	3.82	5.77	4.72	56.26	51.50	---
419	OAKDALE	E-3	TVA	1030	10	11.27	5.15	3.61	5.24	5.35	5.30	DISCONTINUED APRIL 1, 1949																		-----		---
606	MORGAN STATE FOREST	E-2	TENN	1100	8	10.50	6.57	4.40	7.20	5.45	5.60	4.40	4.42	5.15	5.80	5.65	5.45	7.90	5.50	5.25	4.07	1.85	4.75	5.75	3.18	1.60	5.77	6.90	6.05	64.80	64.36	---
167	PETROS	E-2	TVA	1400	15	10.96	6.28	4.26	5.90	5.98	5.56	4.82	4.68	3.87	4.45	5.65	4.32	7.81	5.68	4.58	5.10	2.66	3.29	5.83	3.24	1.03	4.58	6.80	5.37	64.25	58.45	2.2
160	PILOT MOUNTAIN	E-2	TVA	1400	14	10.45	5.19	3.55	4.88	4.70	4.57	2.57	3.59	3.01	3.72	3.96	3.64	6.74	4.66	9.58	4.73	1.84	2.91	5.92	2.58	1.66	3.51	4.27	4.14	58.25	48.12	3.2
485	SUNBRIGHT (R)	E-2	USWB	1480	10	10.46	4.98	3.46	4.84	4.39	4.63	3.91	3.27	2.50	3.51	2.92	4.43	5.16	4.20	6.92	4.22	2.70	2.96	5.38	2.69	0.95	4.14	4.87	4.40	53.62	48.27	---
164	CLARKRANGE	D-2	TVA	1800	14	9.91	5.34	2.79	4.71	4.15	4.74	4.23	3.78	2.54	3.54	4.15	3.71	6.40	4.81	4.45	4.12	1.84	2.89	5.34	2.47	1.43	3.78	4.78	4.24	52.01	48.13	3.0
159	HEBBERTSBURG	E-2	TVA	1800	15	9.20	5.28	2.83	5.43	4.67	4.91	3.45	4.34	1.79	3.74	3.32	3.69	7.47	5.54	3.83	4.54	3.58	3.01	6.72	3.04	1.43	4.06	5.07	4.75	53.36	52.33	4.0
163	CROSSVILLE (NEAR)	0-2	USWB	1920	38	12.28	4.99	3.90	4.65	5.48	5.92	4.71	4.79	2.37	4.10	6.82	4.52	5.84	5.62	8.16	4.55	1.13	3.30	4.77	3.17	1.66	3.34	5.94	5.24	63.06	54.19	3.0
507	LANTANA (R)	D-3	TVA	1910	9	10.77	5.39	3.30	5.21	4.97	4.86	4.25	3.82	1.89	3.17	6.77	3.55	3.30	4.25	5.12	3.61	1.04	3.20	5.52	2.55	0.96	3.79	4.99	5.41	52.88	48.81	---
699	BIG LICK	D-3	TVA	1840	-													ESTABLISHED OCTOBER 26, 1949 --								1.29		6.91		-----		---
418	FRANKFORT	E-2	TVA	1460	11	9.26		3.05		3.85		3.25		1.78		4.03		6.87		6.41		1.54		5.84		0.90		4.23		51.01		2.5
417	CROSSVILLE	D-3	TVA	1850	11	10.40	4.59	3.35	5.47	5.01	5.23	4.25	3.70	2.09	3.42	5.31	3.78	4.85	4.14	4.20	4.30	1.46	3.08	6.21	2.86	1.59	3.62	4.78	4.77	53.50	48.96	3.0
166	CONCORD	E-3	TVA	1000	15	7.10	4.91	2.93	4.69	4.37	4.61	#4.72	4.51	2.81	3.37	2.66	3.15	6.90	5.54	3.30	2.74	1.30	2.40	5.76	2.30	1.00	3.51	2.80	3.96	#45.65	45.69	4.0
508	PAULETTE	F-2	TVA	1050	9	7.79	5.08	2.94	5.01	4.26	4.80	3.74	3.31	1.94	3.01	5.60	3.47	4.22	4.83	8.42	4.32	2.06	3.52	4.65	2.86	2.37	4.04	4.39	4.32	52.38	48.57	1.0
676	OAK RIDGE (NEAR) (R)	E-3	C&CCCO.	900	2	7.71		2.80		3.99		4.99		3.25		3.13		5.06		3.37		1.64		6.48		1.01		4.31		47.74		---
169	CLINTON TVA NURSERY	E-2	TVA	850	61	9.91	4.69	2.97	4.58	5.18	5.51	3.81	4.50	2.94	3.68	4.79	5.16	6.33	5.00	6.88	4.57	2.42	3.18	6.90	2.77	3.06	3.39	5.09	5.32	60.28	52.35	2.0
424	LAKE CITY SUBSTA.	E-2	TVA	860	10	9.90	5.16	3.73	5.29	4.71	5.32	2.95	3.50	2.07	3.99	3.90	3.52	8.56	5.53	9.37	4.42	1.71	3.57	5.62	2.67	1.31	4.06	6.40	4.76	60.23	51.79	2.0
371	VASPER	E-2	TVA	990	12	8.72	5.00	3.36	5.38	4.66	4.98	3.70	3.97	2.70	3.50	4.64	3.69	5.82	4.77	4.63	4.11	1.41	2.95	5.85	2.18	1.40	4.08	5.36	4.73	52.25	49.34	1.0
322	NORRIS EVAPORATION STA. (R)	E-2	TVA	1020	13	8.62	5.39	3.60	5.04	4.58	4.95	2.63	3.80	2.87	3.85	3.96	3.68	6.70	4.54	3.47	3.26	1.46	2.52	5.19	2.61	1.70	3.82	5.02	3.68	49.80	47.14	---
323	NORRIS DAM	E-2	TVA	875	16	8.34	5.23	3.15	4.98	4.82	5.28	2.89	3.65	2.30	3.93	3.42	3.47	5.43	4.52	5.05	4.15	1.46	2.81	5.38	2.46	1.46	3.71	4.99	4.11	48.69	48.30	1.2

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1949 PRECIPITATION—In Inches

Hta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	CLINCH RIVER ABOVE NORRIS DAM																															
584	TURLEY	E-2	TVA	1410	8	8.27	5.30	2.44	5.12	4.48	4.94	3.66	3.50	4.81	4.76	3.93	4.44	5.50	4.60	3.18	5.03	3.56	3.48	5.13	2.84	1.45	4.41	4.38	4.08	50.79	52.50	2.7
523	ELK VALLEY (NEAR)	E-2	USWB	1250	9	8.64	4.75	2.76	4.77	4.55	4.52	3.66	3.38	5.78	4.08	3.26	3.62	7.09	6.06	4.04	5.24	3.58	3.34	3.79	2.47	1.50	3.93	4.39	4.24	53.04	50.40	0.7
325	LAFOLLETTE	E-2	TVA	1065	16	7.52	4.75	2.88	4.42	4.95	4.28	3.04	3.68	4.76	3.50	3.29	4.13	3.77	5.08	5.01	4.82	2.09	2.59	5.69	2.27	1.65	3.57	4.49	3.74	49.14	46.83	---
423	WESTBOURNE SUBSTA.	E-2	TVA	1340	10	8.22	4.57	3.10	4.40	4.50	4.72	5.94	3.83	3.64	4.02	2.88	4.09	8.01	6.30	5.44	4.43	2.03	2.88	4.70	2.60	1.96	3.50	4.98	4.09	55.40	49.43	1.0
326	WELL SPRING	F-2	TVA	1040	12	7.16	4.24	2.64	4.67	4.46	4.46	4.06	3.37	2.69	3.71	2.77	3.69	5.69	4.75	5.63	3.74	1.86	2.58	4.41	2.39	1.57	3.39	3.58	3.66	46.52	44.65	---
333	ARTHUR	F-2	TVA	1150	14	7.16	5.50	3.11	4.95	4.74	4.84	5.09	3.53	1.56	3.26	3.66	4.05	8.05	5.90	4.67	4.63	2.25	2.63	5.94	2.66	2.53	3.50	4.56	3.99	53.32	49.44	T
334	MIDDLESBORO	F-2	USWB	1128	58	7.64	4.43	2.73	4.20	4.68	5.30	4.33	4.38	2.93	4.05	2.13	4.56	7.60	4.84	3.23	4.17	2.54	2.61	4.52	2.49	2.02	3.37	5.27	4.47	49.62	48.87	0.2
338	ROSE HILL	F-2	TVA	1475	16	7.58	5.54	3.12	4.76	4.84	5.18	4.93	4.01	4.04	3.89	4.11	4.60	8.85	5.97	3.44	4.84	1.84	2.64	6.35	2.77	2.56	3.49	4.75	3.78	56.41	51.47	2.0
487	BAXTER (NEAR) (R)	F-2	USWB	1175	10	5.75	4.27	2.69	4.01	3.61	4.16	5.06	3.22	2.72	3.19	4.05	4.49	5.32	5.57	5.40	4.98	2.23	2.77	4.22	2.39	2.51	3.17	4.25	3.69	47.81	45.91	---
339	JONESVILLE	F-2	TVA	1400	15	5.94	4.96	2.78	4.76	4.77	5.10	4.71	4.13	2.89	3.44	4.17	4.58	7.01	5.93	3.88	4.80	1.64	2.52	----	----	DISCONT. NOV. 18, 1949				-----		---
339c	JONESVILLE NO. 3 (R)	F-2	VPI	1525	3	5.94		2.79		3.87		4.08		2.03		4.00		6.77		4.06		----		----		2.25		----		-----		---
339b	JONESVILLE NO. 2	F-2	TVA	1375	3	5.80		2.98		4.11		5.00		2.69		3.79		7.22		4.21		2.24		5.75		2.23		3.87		49.89		1.0
340	PENNINGTON GAP	F-2	USWB	1386	18	6.33	5.27	#3.15	4.82	5.01	5.40	3.91	3.87	3.05	3.58	4.73	4.30	7.71	5.52	7.02	4.47	2.43	2.37	6.29	2.54	3.30	2.84	4.68	4.04	#57.61	49.02	1.1
341	OLINGER	G-2	TVA	1400	15	5.98	4.98	3.01	4.30	4.82	4.88	3.64	3.60	4.17	3.88	2.63	4.46	6.52	5.55	6.51	5.05	1.66	2.52	6.67	2.60	2.67	3.02	4.91	3.70	53.19	48.54	0.5
344	HIGH KNOB (R)	G-2	TVA	4150	15	4.45	5.24	2.47	4.32	4.05	5.19	4.23	4.12	4.63	3.91	3.29	5.18	8.69	7.14	8.77	6.62	1.25	3.14	5.71	3.00	2.40	3.03	4.27	3.42	54.21	54.31	---
342	DUNBAR, VIRGINIA	G-2	TVA	2000	15	5.91	4.74	3.85	4.25	4.83	4.80	4.47	3.96	4.47	3.92	2.89	4.57	10.84	6.25	7.66	5.34	2.45	2.69	5.70	2.71	3.50	3.21	4.74	3.50	61.31	49.94	8.3
327	WHITE HOLLOW (R)	F-2	TVA	1500	15	7.51	4.93	3.25	4.52	4.63	4.40	3.25	3.16	3.05	3.15	2.82	3.13	4.56	4.44	3.73	3.22	1.67	2.08	4.99	2.27	1.80	3.38	#4.29	3.72	#45.55	42.40	---
563	WALKERS FORD	F-2	TVA	1130	9	5.70	4.38	2.79	4.66	4.38	4.52	3.74	3.01	#3.04	3.29	5.15	3.29	5.19	5.18	2.59	3.98	0.71	2.43	3.06	2.50	2.15	3.77	4.10	3.91	#42.60	44.92	2.7
335	TAZEWELL, TENNESSEE (NEAR)	F-2	TVA	1250	44	6.47	4.76	3.07	4.50	4.58	5.00	3.92	4.05	2.18	3.83	3.62	4.06	7.51	4.69	5.05	4.70	1.26	2.93	4.43	2.78	2.10	3.03	3.95	4.59	48.14	48.92	2.7
336	BIG SYCAMORE (R)	F-2	TVA	2300	15	5.36	4.60	2.47	4.18	4.14	4.57	4.53	3.31	1.99	3.26	4.45	3.73	7.03	5.17	7.03	4.22	1.84	1.92	4.82	2.05	1.43	2.72	3.59	3.45	48.68	43.18	---
673	THORN HILL	F-2	TVA	1430	3	8.09		2.74		3.88		4.04		2.94		4.31		8.49		2.90		1.47		4.79		2.07		3.64		49.36		0.9
348	CLINCHPORT	G-2	TVA	1260	53	5.23	4.14	2.87	4.00	4.90	4.79	5.21	3.56	1.72	3.55	2.75	4.21	8.60	4.94	6.13	4.52	2.27	2.93	4.52	2.49	2.61	2.79	3.61	4.14	50.42	46.06	2.0
349	DUNGANNON	G-2	TVA	2500	15	4.85	4.37	2.43	3.80	#3.97	4.16	3.42	3.13	3.13	2.70	4.34	4.12	9.56	5.99	5.50	4.51	2.45	2.68	5.53	2.47	2.64	2.67	3.85	3.29	#51.67	43.89	1.3
350	DANTE	G-2	USWB	1765	33	4.09	3.94	2.47	3.60	3.97	4.47	4.44	3.54	4.41	4.42	6.24	4.72	8.29	5.90	8.15	4.83	1.80	3.32	7.08	2.95	3.23	2.86	#3.63	3.59	#57.80	48.14	2.7
351	CLEVELAND, VIRGINIA	G-2	TVA	1540	15	3.76	3.78	2.84	3.53	3.29	3.97	4.14	3.19	3.91	3.28	4.65	4.69	7.27	5.92	5.19	5.83	1.82	2.85	4.60	2.61	3.28	2.80	3.34	3.03	48.09	45.48	1.5
352	BONAKER (NEAR)	G-1	TVA	2150	15	3.83	3.81	2.72	3.53	3.51	3.94	4.25	3.35	4.91	3.50	4.10	4.75	7.73	5.59	5.49	5.13	1.97	3.07	4.26	3.00	3.52	2.84	2.97	3.02	49.26	45.53	7.9
614	BONAKER (R)	H-1	TVA	1950	7	3.04	3.60	2.68	3.80	2.97	3.64	4.24	3.11	3.51	3.65	2.65	3.87	7.75	4.73	4.92	4.59	2.19	3.06	3.64	2.66	3.32	2.39	----	----	-----		---
355	SPRING CREEK (R)	H-2	TVA	3150	15	1.58	2.74	1.91	2.42	1.78	2.64	4.58	2.12	2.76	3.03	2.51	3.71	5.69	4.96	6.36	4.30	1.51	2.82	2.88	2.11	2.79	1.66	2.11	2.07	36.46	34.58	5.0
353	SWORDS CREEK	H-1	TVA	1900	15	3.16	3.56	3.13	3.44	2.99	3.86	4.94	3.43	4.07	3.75	3.14	4.06	4.93	5.59	5.12	4.80	2.62	2.84	3.52	2.54	3.75	2.38	3.44	2.80	44.81	43.05	---
356	JEWELL RIDGE	H-1	TVA	2750	15	3.41	3.59	3.22	3.46	3.59	3.87	3.96	3.21	4.17	3.53	2.67	4.75	4.84	5.25	9.33	4.88	1.97	2.63	3.67	2.81	3.47	2.69	3.45	2.80	47.75	43.47	14.1
357	TAZEWELL, VIRGINIA	H-1	TVA	2450	15	2.53	3.28	2.73	3.19	3.10	3.62	3.99	2.91	3.36	3.61	5.63	4.08	5.35	4.86	4.38	3.86	1.92	2.97	3.27	2.43	4.47	2.30	3.16	2.84	43.89	39.95	5.4
	HOLSTON RIVER																															
395	STRAWBERRY PLAINS	F-2	TVA	910	12	6.41	4.24	2.85	5.06	4.02	4.30	3.45	3.19	1.30	3.44	3.41	3.32	6.05	4.79	2.74	2.97	2.50	2.78	4.45	2.15	2.33	3.22	3.34	3.82	42.85	43.28	2.0
289	JOPPA	F-2	TVA	980	15	6.25	5.40	2.45	4.72	3.60	4.92	4.15	4.11	2.80	3.38	3.17	3.26	7.48	4.61	5.40	4.17	1.68	2.33	4.56	2.44	2.05	3.39	3.53	3.65	47.12	46.38	1.0
489	CHEROKEE DAM	F-2	TVA	1000	9	6.06	4.41	2.81	4.83	3.87	4.20	3.41	2.90	2.19	3.27	4.52	3.28	9.64	5.58	4.91	4.13	2.07	2.76	4.17	2.34	1.94	3.34	2.67	3.83	48.26	44.87	0.6
486	JEFFERSON CITY (NEAR) (R)	F-2	USWB	1200	29	5.10	4.16	2.64	4.07	3.81	4.21	2.79	3.53	3.49	3.48	4.17	3.74	5.77	4.91	3.30	4.16	2.93	2.42	4.48	2.75	1.29	2.60	2.39	4.20	42.16	44.23	---
579	JEFFERSON CITY EVAPORATION STA.	F-2	TVA	1200	8	5.35	4.55	2.74	5.29	4.33	4.34	3.30	2.87	3.80	3.89	5.72	3.16	7.70	5.15	3.35	4.18	2.70	3.26	4.10	2.34	1.79	3.45	2.70	4.29	47.58	46.77	1.5
290	MORRISTOWN (NEAR)	F-2	TVA	1325	15	6.28	5.14	2.81	4 88	3.91	4.99	3.62	3.55	3.50	3.44	4.85	3.65	5.87	5.87	4.67	4.55	2.38	2 88	3.84	2.41	2.06	3.51	2.75	3.89	46.54	48.76	0.5
346	FLAT GAP	F-2	TVA	2000	14	5.99	5.06	3.04	4.60	4.47	4.43	3.97	3.43	5.65	3.16	5.48	3.46	10.99	5.45	5.55	4.37	2.20	2.54	4.40	2.34	1.77	3.13	3.43	3.75	56.94	45.72	---
291	ROGERSVILLE	G-2	TVA	1090	66	4.91	3.86	2.65	3.71	3.54	4.58	5.04	3.57	4.04	3.74	5.07	4.17	7.88	4.65	4.62	3.99	2.39	2.83	4.42	2.63	2.06	2.59	2.55	4.22	49.17	44.54	0.8
347	LITTLE WAR GAP	F-2	TVA	2000	15	5.04	4.74	2.73	4.25	3.89	4.88	4.23	3.65	3.16	3.03	3.65	3.62	11.87	6.00	4.26	4.00	2.47	2.75	5.17	2.43	2.11	2.98	3.72	3.69	52.30	46.02	0.6
516	STANLEY KNOBS (R)	G-2	TVA	1250	9	5.03	3.70	3.14	4.02	4.18	4.02	4.49	3.03	3.56	3.15	5.30	3.76	9.17	5.12	5.29	4.21	2.12	2.33	4.39	2.31	1.54	2.49	3.07	3.73	51.28	41.87	---
314	BIG KNOB (R)	G-2	TVA	3150	15	4.27	3.94	3.22	3.62	3.22	3.71	3.66	2.91	2.76	2.67	1.99	2.55	6.70	4.87	6.21	3.53	1.37	2.58	3.61	2.30	1.76	2.46	2.74	3.03	41.51	38.17	---
315	MENDOTA	G-2	TVA	1350	45	4.49	4.19	3.17	3.68	4.44	4.51	4.13	3.68	2.12	3.93	1.73	4.35	11.55	5.07	8.16	4.41	2.98	3.05	4.55	2.89	2.34	2.74	2.92	3.83	52.58	46.33	2.2
316	HOLSTON	G-2	TVA	3450	15	2.93	3.61	2.86	3.66	3.64	3.66	3.93	2.89	1.60	3.07	2.21	3.63	4.06	4.85	4.31	4.11	0.96	2.37	3.00	2.79	2.42	2.50	3.13	2.98	35.05	40.12	12.8
318	SALTVILLE	H-2	USWB	1735	28	3.25	3.60	2.61	3.61	3.36	4.43	4.43	3.04	3.63	3.81	3.01	4.26	4.09	5.03	8.96	4.38	2.17	2.94	2.77	2.82	3.53	2.55	2.65	3.49	44.46	43.96	8.2
318a	SALTVILLE	H-2	TVA	1725	9	2.86	3.39	2.48	3.07	3.19	3.50	4.41	2.54	2.82	3.89	2.96	3.80	6.84	4.55	8.33	5.33	1.64	2.99	2.61	2.24	3.06	2.47	2.59	3.28	43.79	41.05	---
320	BURKES GARDEN	H-1	USWB	3075	54	2.62	3.68	2.64	3.58	2.22	4.63	5.29	3.60	4.08	4.13	3.91	4.70	7.38	4.62	6.60	4.42	2.32	3.33	1.72	2.95	4.33	2.88	3.11	3.52	46.22	46.04	10.8
535	KINGSPORT RESERVOIR	G-2	TVA	1870	9	4.31	3.90	3.17	4.14	3.40	3.97	4.64	2.87	3.01	2.66	3.16	3.68	8.31	4.67	7.62	4.42	1.78	3.10	4.66	2.30	2.34	3.21	2.79	3.72	49.19	42.64	1.5
693	FALL BRANCH	G-2	TVA	1460	-	EST.JAN. 31'49		2.64		2.96		5.27		2.15		4.84		12.59		6.44		2.12		3.99		----		2.03		-----		---
293	KINGSPORT	G-2	USWB	1270	28	4.07	3.65	2.52	3.80	3.41	3.81	3.62	3.47	1.81	4.09	3.71	3.83	9.29	5.10	6.18	4.29	1.54	2.72	4.15	2.62	2.52	2.45	2.51	3.96	45.33	43.79	1.3
376	BRISTOL AIRPORT (R)	G-2	USWB	1545	11	3.56	3.65	2.44	3.80	3.72	3.81	5.59	3.47	2.31	4.09	2.63	3.83	9.73	5.10	6.03	4.29	1.48	2.72	3.72	2.62	2.24	2.45	2.87	3.96	46.32	43.79	---
688a	NORTH BRISTOL SUBSTA., VIRGINIA	G-2	TVA	1740	2	3.34		2.65		3.40		4.18		3.21		2.43		11.80		6.67		2.12		3.18		2.73		3.19		48.90		1.0
495a	BRISTOL, VIRGINIA	G-2	USWB	1800	16	3.54	2.93	2.43	3.48	3.59	4.22	4.55	2.96	2.28	3.41	2.56	4.26	9.55	5.10	7.24	3.80	1.95	2.68	4.61	2.12	2.83	2.74	3.23	3.51	48.36	41.21	---
688	BRISTOL (NEAR), VIRGINIA	G-2	TVA	1920	2	3.40		3.05		3.10		4.26		4.00		2.04		10.05		7.45		1.95		3.34		2.78		3.14		48.56		2.7
307	WALLACE (NEAR)	G-2	TVA	1885	14	3.91	4.05	2.68	3.41	3.39	3.20	4.41	2.60	2.67	2.98	4.45	3.70	8.98	5.16	7.09	4.31	2.38	2.95	2.59	2.25	2.52	2.41	2.97	2.83	48.04	39.85	2.4
306	BLUFF CITY	G-2	TVA	1540	53	3.81	3.65	2.63	3.62	3.16	4.34	5.18	3.36	3.84	3.72	3.93	4.08	8.45	5.58	6.18	4.44	2.72	2.95	2.84	2.58	2.38	2.46	2.48	3.52	47.60	44.30	2.9
597	SOUTH HOLSTON DAM	G-2	TVA	1525	4	3.75		2.91		3.31		5.06		3.04		2.67		7.70		5.76		2.68		3.37		3.28		2.51		46.04		2.2
308	CRANDULL	H-2	TVA	3405	15	4.02	4.45	3.09	4.11	4.17	4.33	5.27	3.73	3.67	4.60	2.95	4.42	8.12	6.54	7.49	5.16	3.50	3.69	3.86	2.92	3.84	3.07	2.45	3.58	52.43	50.60	28.0
616	MCQUEENS KNOB (R)	H-2	TVA	3885	7	3.68	3.91	2.76	4.11	3.66	3.75	4.63	3.47	3.18	3.73	4.02	4.31	9.26	5.63	6.67	4.80	3.03	3.83	3.11	2.44	3.44	3.05	2.78	3.46	50.22	46.49	---
604	ABINGDON	H-2	TVA	2000	8	4.05	3.97	3.29	4.14	4.13	4.05	4.19	3.08	2.95	3.93	2.96	3.29	13.02	5.57	9.29	5.64	2.11	3.11	2.67	2.45	2.74	2.84	3.29	3.53	54.69	45.60	3.9
492	MEADOWVIEW	H-2	TVA	1910	9	3.04	3.24	DISCONTINUED FEBRUARY 1, 1949																						-----		---
317	EMORY	H-2	USWB	2205	25	3.19	3.54	2.68	3.31	2.87	4.12	5.51	3.05	1.49	3.77	2.22	3.79	9.94	4.02	6.19	4.84	1.57	2.69	1.32	2.43	2.76	2.26	2.64	3.35	42.38	41.17	---
312	MARION	H-2	TVA	2200	43	2.97	3.26	2.69	3.40	2.62	3.79	4.05	3.10	5.05	3.93	5.08	4.78	5.40	4.74	7.29	4.52	1.44	2.84	2.89	2.48	3.92	2.39	1.95	2.89	45.35	42.12	11.0
613	GROSECLOSE (R)	H-2	TVA	2520	7	2.84	3.41	2.84	3.38	1.81	3.39	5.06	3.22	4.03	4.49	5.48	3.55	7.70	4.59	4.94	4.56	1.45	3.58	2.74	2.48	3.55	2.93	1.99	3.08	44.43	42.66	---

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1949 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	HOLSTON RIVER (CONT'D)																															
313	WYTHEVILLE	E-2	USWB	2299	76	2.82	3.08	----	2.99	----	3.44	4.89	2.99	2.17	3.66	4.84	4.20	5.48	4.00	6.59	4.19	0.64	3.30	2.66	2.84	3.04	2.14	2.56	2.92	-----	39.75	---
309	DAMASCUS	E-2	USWB	1950	23	3.24	3.37	2.92	3.66	3.53	3.92	4.83	3.35	3.28	4.32	2.28	4.07	9.92	5.72	5.99	4.46	2.77	3.32	2.95	2.37	4.00	2.42	2.29	2.95	48.00	43.93	9.3
675	WHITETOP MOUNTAIN	E-2	TVA	5470	3	4.19		3.25		3.77		6.86		4.58		3.84		13.03		11.23		#2.49		3.91		4.73		2.55		#64.43		47.7
310	LOVES MILL	H-2	TVA	2060	15	3.00	3.75	3.13	3.23	3.17	3.45	4.74	2.96	3.95	3.98	1.97	3.84	5.48	5.20	5.49	4.79	1.58	2.86	4.32	2.42	3.65	2.41	1.89	2.76	42.37	41.65	7.8
311	TROUT DALE (R)	H-2	USWB	3120	15	3.85	3.96	3.03	3.73	3.45	4.18	8.68	3.76	2.40	4.14	5.25	4.19	10.47	6.16	7.48	5.26	2.26	3.61	3.21	2.72	3.98	3.05	2.31	3.16	56.37	47.92	---
408	SUGAR GROVE	E-2	USFS	2680	10	2.46	3.10	2.25	3.15	2.63	3.40	6.98	3.16	2.80	3.80	4.30	4.02	6.24	5.22	6.87	5.05	2.04	2.68	2.80	2.08	3.84	2.51	1.68	2.74	44.89	40.91	---
294	CEDAR CREEK	O-2	TVA	1750	15	3.30	4.04	2.76	3.81	3.04	4.20	5.26	3.15	2.55	3.06	3.98	3.60	9.55	5.87	6.55	3.74	3.29	3.12	3.46	2.49	2.43	2.71	2.40	3.27	48.57	43.06	1.0
689	JOHNSON CITY SUBSTA.	G-2	TVA	1580	2	3.17		2.59		3.84		5.17		4.47		2.81		8.62		5.30		2.87		3.43		2.42		2.38		47.07		1.0
416	JOHNSON CITY VETERANS HOSPITAL	G-2	TVA	1730	32	3.18	3.43	2.60	3.43	3.68	4.09	5.65	3.26	3.25	3.83	3.40	4.09	10.62	5.16	5.29	4.32	3.64	2.88	3.07	2.55	2.37	2.49	2.20	3.42	48.95	42.95	5.3
652a	JOHNSON CITY E.T.S.C. (R)	O-2	ETSC	1700	1	RECORD		STARTED		APRIL 1,'49		7.42		5.77		5.52		9.44		4.17		2.57		3.00		----		2.33		-----		---
295	ELIZABETHTON NO. 2	G-2	TVA	1512	58	2.72	3.40	2.40	3.31	3.30	4.23	4.71	3.33	2.60	4.12	3.57	4.88	6.98	5.27	6.76	4.50	1.81	2.91	2.98	2.56	2.26	2.23	2.22	3.32	42.31	44.06	3.0
225	STONE MOUNTAIN	G-2	TVA	2590	15	2.55	4.62	3.05	4.59	3.04	4.96	4.91	3.77	#2.76	3.75	4.92	4.56	10.39	7.17	5.15	4.47	4.65	3.33	2.90	2.74	3.01	3.26	2.08	3.33	#49.41	50.55	5.4
686	HAMPTON	O-2	TVA	1825	2	1.87		2.56		2.97		4.35		3.33		3.58		5.77		5.52		3.21		3.40		2.45		2.13		41.14		1.0
296	WILBUR DAM	O-2	TVA	1630	22	2.58	3.88	2.94	3.82	3.57	4.80	5.12	3.86	1.97	4.58	4.49	4.35	6.93	6.46	7.58	4.57	3.87	3.13	2.94	2.70	3.28	2.71	2.55	3.30	47.82	48.16	---
596	WATAUGA DAM	G-2	TVA	1714	3	2.82		3.38		4.16		5.50		2.69		4.48		6.60		7.83		4.07		3.45		3.53		2.81		51.32		2.5
297	COLESVILLE	O-2	TVA	2130	15	3.66	3.93	3.20	3.96	2.80	3.68	5.12	2.74	2.54	3.41	2.88	3.93	8.62	5.40	6.82	4.72	1.41	3.27	3.10	2.43	3.37	2.96	2.74	3.33	46.26	43.76	1.5
491	BUTLER (R)	G-2	TVA	2070	9	3.51	3.45	3.46	3.16	3.55	3.60	5.58	2.96	2.68	3.60	3.39	4.12	7.08	6.34	7.36	4.10	2.55	3.06	3.39	2.07	3.24	2.77	1.93	3.12	47.72	42.35	---
645	MAYMEAD	H-2	TVA	2250	6	2.90	3.90	2.21	3.78	2.53	3.65	5.62	4.22	3.96	4.12	2.38	3.77	8.52	5.12	8.49	4.52	2.37	3.20	3.40	2.86	2.37	3.30	2.58	3.04	47.33	45.48	5.0
609	TRADE	H-2	TVA	3530	8	2.66		3.18		3.80		4.98		4.46		5.50		5.38		9.63		2.48		3.69		4.19		1.78		51.73		---
301	MOUNTAIN CITY	H-2	TVA	2410	41	3.51	3.75	2.74	3.52	3.24	4.27	4.89	3.51	4.40	4.06	1.75	4.56	5.83	5.88	7.04	5.01	2.07	3.05	2.59	2.64	----	----	1.82	3.29	-----		---
304	PARKER	H-2	USWB	3950	32	3.92	4.20	3.54	3.50	4.12	4.60	5.65	3.90	4.37	3.90	4.62	5.90	6.96	5.20	9.76	5.80	2.75	3.60	3.35	3.30	3.87	2.20	2.34	3.60	55.25	49.70	23.2
305	JEFFERSON	H-2	USWB	2900	44	3.27	3.20	2.95	3.40	2.86	4.20	5.44	3.80	5.96	4.40	6.14	5.00	11.45	4.90	9.59	5.20	1.65	4.20	5.04	3.90	2.77	2.60	2.68	4.20	59.80	49.00	---
298	ODOMVILLE	G-2	TVA	2760	15	3.92	3.82	3.76	3.83	5.48	4.09	8.81	3.52	4.84	3.95	3.46	4.54	8.49	6.97	7.71	4.66	1.81	3.25	3.24	2.69	4.24	3.04	2.61	2.97	58.37	47.33	7.7
299	BANNER ELK	H-2	USWB	3720	42	3.65	3.72	3.47	3.78	4.77	5.33	5.59	4.24	4.46	4.85	8.64	5.37	8.63	6.26	10.71	5.85	2.54	4.43	4.38	4.91	4.75	2.60	2.65	4.59	64.24	55.93	7.0
300	REESE	E-2	TVA	3320	15	3.02	3.74	3.49	3.89	3.94	4.00	5.52	3.48	4.53	4.32	2.88	4.04	6.81	6.43	8.67	4.84	2.99	3.40	3.85	3.01	4.16	3.09	#1.95	2.99	#51.81	47.23	16.4
607	MAST	H-2	TVA	2670	8	2.63		2.43		3.64		5.27		4.04		3.15		5.87		7.58		2.40		4.12		2.89		2.05		46.07		10.0
302	SNAKE MOUNTAIN (R)	H-2	TVA	5575	15	1.87	2.48	1.89	2.07	1.84	2.24	3.36	2.59	----		DISCONTINUED MAY 2, 1949														-----		---
694	RICH MOUNTAIN GAP (R)	H-2	TVA	4350	3	3.72		3.52		4.17		6.77		4.70		6.89		6.84		11.00		2.48		5.14		4.42		3.31		62.96		---
303	BOONE	H-2	USWB	3332	21	3.48	3.64	2.93	3.15	3.73	5.03	6.34	4.40	4.41	4.59	8.37	5.93	11.80	6.05	17.17	6.18	3.22	4.23	7.47	6.02	3.16	2.94	3.28	5.24	75.36	57.40	10.0
632	BLOWING ROCK	H-2	USWB	3600	6	1.21		2.35		6.35		5.85		5.19		8.24		13.78		16.64		3.75		7.94		3.43		4.47		79.20		---
	HIWASSEE RIVER BELOW HIWASSEE DAM																															
93	BIG SPRING	E-3	TVA	720	15	13.33	6.42	3.85	5.45	6.49	5.29	4.12	4.69	4.06	3.77	5.98	4.17	10.54	5.40	4.33	4.32	2.93	2.79	7.19	3.17	1.22	3.87	4.09	4.70	68.13	54.04	2.5
429	CLEVELAND SUBSTA.	E-3	TVA	880	10	9.26	5.50	4.41	5.49	4.89	5.56	4.02	3.87	3.04	3.98	2.86	3.43	3.68	4.08	2.74	3.25	3.06	3.01	7.76	3.56	0.91	4.10	3.74	5.07	50.37	50.90	2.5
98	CHARLESTON	E-3	TVA	720	58	9.58	5.02	4.03	5.00	5.06	5.74	4.92	4.62	3.28	3.93	5.68	4.67	10.18	4.76	5.40	3.98	3.15	2.89	7.96	3.08	1.31	3.48	3.98	4.97	64.53	52.14	2.2
428	ATHENS SUBSTA.	E-3	TVA	940	10	10.44	5.75	3.57	5.09	5.75	5.42	4.69	3.90	2.23	3.84	3.16	3.37	10.06	5.50	3.79	4.40	4.85	3.56	7.45	3.48	1.45	3.88	4.34	4.78	61.78	52.97	1.5
C17	NEW BETHEL (R)	E-3	TVA	900	5	8.44	6.89	4.01	5.17	4.42	4.05	3.92	3.57	3.02	3.74	4.84	3.97	7.63	3.61	4.27	4.06	3.79	3.18	6.90	3.83	0.88	5.13	3.61	4.28	55.73	51.48	---
C19	DOUBLE SPRINGS (R)	H-3	TVA	820	5	9.15	7.64	3.70	5.40	4.41	4.68	2.97	3.77	#3.76	4.20	3.39	3.76	8.19	4.00	5.27	3.68	3.27	3.79	7.50	3.40	1.30	5.20	3.53	4.35	#56.44	53.87	---
C11	ENGLEWOOD	E-3	TVA	820	6	9.49	7.68	3.69	5.26	4.91	4.36	4.85	3.90	3.17	3.97	4.54	3.14	6.72	4.94	2.94	3.26	3.62	3.76	6.14	3.54	1.00	5.02	3.82	4.33	54.89	53.16	2.5
C5	HICKORY GROVE (R)	E-3	TVA	1040	6	9.42	7.55	3.87	5.40	5.23	4.46	4.40	4.00	4.12	4.59	5.84	4.06	7.40	4.37	6.06	3.50	4.59	3.98	6.02	3.52	1.37	4.74	3.91	4.57	62.23	54.74	---
C7	CENTER	E-3	TVA	990	6	8.20	7.89	3.76	5.30	3.98	4.21	4.44	3.78	2.04	4.08	4.47	2.96	11.07	5.22	3.63	3.45	5.00	4.33	5.99	3.60	1.29	4.92	4.11	4.40	57.98	54.14	2.0
99	PARKSVILLE DAM	E-3	TVA	750	25	8.11	4.78	4.45	4.75	5.12	5.55	4.06	4.27	3.15	4.04	4.61	4.93	7.18	4.90	3.47	3.86	4.89	2.95	9.10	2.80	1.03	3.33	3.43	4.61	58.60	50.77	---
627	CONASAUGA (NEAR) (R)	E-3	USWB	775	6	7.81	7.01	4.22	6.01	5.19	5.78	3.68	3.87	2.30	3.66	3.99	3.46	6.28	4.58	3.77	2.29	2.74	3.70	10.14	3.76	0.60	5.22	3.67	4.08	54.39	53.42	---
690	DOUBLE SPRINGS GAP (R)	E-4	USWB	1000	2	7.19		4.26		4.82		3.61		4.28		2.73		6.27		6.20		3.13		10.38		0.83		3.29		56.99		---
100	OCOEE NO. 2 POWERHOUSE	E-3	TVA	860	35	7.82	4.96	4.27	4.67	5.14	5.59	5.28	4.37	3.73	4.05	5.41	4.18	8.21	5.39	5.50	4.24	4.91	3.14	9.04	3.19	1.50	3.70	4.02	4.77	64.83	52.25	1.5
101	SASSAFRAS KNOB (R)	E-3	TVA	3300	15	9.87	6.51	4.65	5.77	5.60	5.92	7.49	5.11	2.76	4.00	3.72	4.11	6.82	6.03	6.07	4.65	5.13	3.05	9.77	3.32	1.14	4.22	4.35	5.04	67.37	57.73	---
502	BOYD GAP (R)	E-3	TVA	1520	9	8.55	5.79	4.40	5.71	4.42	6.16	5.65	3.55	1.60	3.54	3.46	4.49	7.58	5.83	6.06	4.42	4.78	2.92	11.23	3.38	1.38	3.93	3.56	5.08	62.67	54.80	---
501a	DUCKTOWN (R)	E-3	TVA	1600	10	7.62	5.02	4.16	4.89	3.83	5.36	4.59	3.39	1.71	3.55	3.24	4.52	7.14	5.22	5.93	4.01	3.72	2.72	13.60	3.36	1.08	3.63	2.98	4.48	59.60	50.15	---
106	ISABELLA (R)	E-3	TVA	1780	15	7.60	5.66	4.50	4.99	4.09	5.66	6.71	4.40	2.39	3.57	3.30	4.02	6.70	5.77	6.41	3.94	3.76	2.62	11.82	3.04	1.04	3.44	3.44	4.31	61.76	51.42	---
107	COPPERHILL	E-4	USWB	1624	36	8.54	5.28	4.64	4.70	4.34	5.28	5.18	4.95	2.88	4.09	3.96	4.22	8.87	5.22	5.89	4.34	4.12	3.41	13.71	2.90	1.16	3.22	3.83	5.96	67.12	53.57	2.0
431	COPPERHILL NO. 2 SUBSTA.	E-3	TVA	1600	14	8.37	6.31	4.74	5.54	4.08	5.98	4.61	4.51	2.78	3.59	4.35	4.46	7.66	6.25	6.18	4.54	3.88	2.97	13.84	3.20	1.17	3.54	3.71	4.98	65.37	55.87	1.0
109	FLAT TOP (R)	E-4	TVA	3650	15	16.55	10.12	7.89	8.70	7.22	8.46	7.07	6.68	2.98	5.23	9.19	5.99	15.34	8.87	7.72	5.97	4.65	3.83	13.45	4.18	1.57	6.31	10.40	7.78	104.03	82.12	---
110	BLUE RIDGE DAM	E-4	TVA	1560	29	7.01	5.69	5.46	5.32	4.57	5.94	5.12	5.03	2.41	4.46	2.81	4.14	6.37	5.41	7.36	4.26	3.48	2.80	8.52	2.77	1.69	3.74	3.88	6.06	58.68	55.62	2.0
111	STANLEY GAP (R)	E-4	TVA	2300	15	9.19	7.13	5.94	6.42	4.54	6.33	6.53	5.40	2.21	3.87	5.76	4.15	5.81	5.77	6.61	4.94	2.79	2.60	7.12	2.81	2.13	4.50	6.52	5.52	65.15	59.44	---
112	NOONTOOTLA CREEK	E-4	TVA	1960	15	6.97	6.51	6.61	6.63	5.60	6.84	5.36	5.32	2.61	4.31	6.00	4.45	6.09	6.07	10.50	5.72	2.89	2.89	8.24	3.31	2.81	4.03	4.69	5.07	68.37	61.15	---
633	DIAL POST OFFICE	E-4	TVA	1900	7	6.86		6.27		5.15		5.40		2.68		7.08		4.97		7.57		3.01		7.75		2.25		4.44		63.43		1.7
115	SUCHES	E-4	TVA	2800	15	12.32	7.93	7.22	7.42	8.28	7.93	7.11	6.26	3.17	5.17	7.60	5.14	11.29	7.26	18.23	7.62	3.76	3.98	9.17	4.50	2.40	5.95	5.94	6.50	96.49	75.66	1.0
120	COKER CREEK	E-3	TVA	1650	15	8.22	6.10	4.79	5.61	5.23	6.02	5.21	4.71	4.04	4.17	3.52	4.15	10.72	5.86	6.94	4.53	3.78	2.64	7.51	2.77	1.48	3.89	4.50	4.58	65.94	55.03	3.0
638	APALACHIA POWERHOUSE	E-3	TVA	880	6	8.81	6.78	4.54	7.08	5.13	5.42	5.03	4.59	3.66	4.80	5.45	3.91	8.59	5.74	6.39	3.47	4.15	3.30	8.35	3.51	1.31	4.59	3.84	4.45	65.25	57.64	2.2
575	FARNER	E-3	TVA	1550	8	9.28	6.12	4.68	6.26	5.95	6.26	5.73	4.20	2.39	4.63	5.03	4.13	5.46	6.11	6.33	3.75	4.46	3.47	9.53	3.56	1.03	4.24	4.32	5.48	64.19	58.21	1.8
121	TURTLETOWN	E-3	TVA	1600	15	9.59	6.26	4.97	5.94	6.16	6.37	6.86	4.78	2.66	3.87	4.92	4.32	6.00	5.80	7.27	4.33	4.54	2.77	10.02	3.18	0.91	3.79	4.06	4.70	67.96	56.11	3.0
575a	APALACHIA DAM (R)	E-3	TVA	1176	8	9.00	5.92	4.74	6.31	6.11	6.48	5.57	3.96	3.24	4.48	3.96	3.76	6.37	6.29	6.16	4.68	4.63	4.14	9.15	3.41	1.04	4.19	4.30	5.35	64.27	58.97	---

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1949 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs.of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	HIWASSEE RIVER ABOVE HIWASSEE DAM																															
125	HIWASSEE DAM (R)	E-3	TVA	1500	12	8.49	5.45	4.50	5.54	4.95	5.90	6.31	4.34	#2.24	3.90	3.00	4.38	6.50	5.64	5.77	3.82	3.28	2.54	11.20	2.73	0.96	3.47	4.16	4.55	#61.36	52.26	---
125a	HIWASSEE DAM NO. 2	E-3	TVA	1310	10	8.26	5.69	4.56	5.60	4.79	6.15	6.29	4.02	2.38	3.99	3.47	3.91	6.69	5.57	5.93	4.05	3.64	2.94	9.80	2.98	0.94	3.65	4.08	4.92	60.83	53.47	---
126	BEAVERDAM CREEK	E-3	TVA	2100	15	9.15	7.40	5.46	6.56	6.44	7.41	8.65	5.75	3.54	4.66	7.15	5.07	11.51	7.62	8.40	6.07	5.03	3.49	10.96	3.69	2.22	4.54	5.99	5.97	84.50	68.23	2.5
127	LETITIA	E-3	TVA	1800	12	8.95	5.84	4.76	6.04	4.86	6.28	6.37	4.54	3.85	4.24	5.09	4.82	5.05	5.89	6.55	4.56	4.39	2.85	9.92	2.99	1.67	3.89	4.98	5.05	66.44	56.99	2.5
129	SWEET GUM (R)	E-4	TVA	1800	15	7.69	6.06	5.16	5.51	3.49	5.59	5.10	4.88	2.92	3.40	3.71	4.10	6.47	5.14	5.98	4.28	2.96	2.54	8.79	2.58	0.95	3.48	3.75	4.54	56.97	52.10	---
573	NOTTELY DAM	E-4	TVA	1740	8	6.26	5.60	5.80	6.01	3.92	5.77	5.02	3.72	2.59	4.31	6.46	3.95	6.37	4.74	6.74	4.33	2.73	2.73	7.94	2.87	1.15	3.51	3.23	4.82	58.21	52.36	1.8
131	HEMPTOWN GAP	E-4	TVA	2050	15	6.39	5.66	5.21	5.48	4.26	5.57	5.19	4.61	3.59	3.93	6.60	3.87	5.84	5.74	8.47	4.90	2.63	2.51	8.11	2.79	1.59	3.38	2.98	4.05	60.86	52.49	1.7
133a	BLAIRSVILLE NO. 2	F-4	TVA	1825	17	6.22	5.82	5.15	5.48	5.21	5.38	4.46	4.01	2.31	4.19	5.57	3.77	7.29	5.19	6.13	4.51	4.00	3.10	6.63	3.19	1.34	3.02	3.58	5.28	57.89	52.94	---
570	CHOESTOE	F-4	TVA	1900	8	7.20	6.38	5.82	6.48	6.70	7.48	4.06	4.12	3.39	4.65	8.82	4.53	10.04	5.22	6.43	4.20	5.20	3.99	6.47	3.42	1.62	4.41	4.46	4.44	70.21	59.32	1.0
135	NEEL GAP (R)	F-4	TVA	3300	15	9.31	7.30	6.41	6.52	5.84	6.64	5.73	5.28	2.06	4.04	7.41	4.53	11.01	6.35	8.63	7.16	4.41	3.98	7.40	3.92	2.11	4.92	5.82	5.74	76.14	66.38	---
136	MURPHY EVAPORATION STA. (R)	E-3	TVA	1575	75	8.35	5.62	4.93	5.62	4.52	6.25	6.61	4.78	3.03	4.02	7.25	5.02	8.09	5.72	6.73	5.14	4.76	3.20	9.27	3.12	1.37	3.76	4.70	5.26	69.61	57.51	---
138	TOMOTLA	F-3	TVA	1575	14	9.18	6.68	6.36	6.26	5.41	6.09	5.63	5.01	3.95	3.98	6.26	4.33	8.88	7.19	8.16	5.18	3.41	2.93	10.32	3.08	1.05	3.55	5.58	5.02	74.19	59.30	---
140	HYATT CREEK	F-3	TVA	2450	15	12.73	7.81	6.88	7.36	7.56	7.91	7.90	5.96	5.71	5.37	8.86	5.63	11.76	7.90	5.84	6.28	4.35	3.50	9.22	4.08	3.54	4.58	6.99	6.55	91.34	72.93	6.0
141	ANDREWS	F-3	USWB	1840	41	8.71	5.40	7.37	5.50	6.41	6.60	5.53	4.70	3.74	5.00	7.43	5.10	10.34	6.10	7.13	5.00	4.60	3.80	8.30	3.40	2.07	4.00	5.26	6.80	76.89	61.40	2.5
362	TEYAHALEE BALD (R)	F-3	TVA	4750	12	11.43	7.07	7.16	6.75	7.74	7.13	6.18	5.09	4.04	4.81	7.25	5.67	10.04	7.52	8.08	5.36	5.26	3.87	8.98	3.07	3.62	5.23	7.32	5.88	87.10	67.45	---
146	YOUNG HARRIS	F-4	TVA	1920	13	5.12		5.50		4.18		4.53		3.30		5.63		4.20		7.44		4.17		6.13		1.41		2.91		54.52		---
147	BRASSTOWN BALD (R)	F-4	TVA	4780	15	6.22	6.35	5.69	5.64	5.75	6.42	6.62	5.36	5.23	4.31	8.34	4.44	6.61	6.35	8.84	6.26	4.81	4.12	7.78	4.10	1.53	4.20	4.33	5.02	71.75	62.57	---
144	ANDREWS DAM	F-3	NP.CO.	1670	15	5.93	4.82	4.77	4.55	3.19	4.81	4.38	4.10	2.89	3.07	5.20	3.96	6.46	6.23	6.19	4.22	3.11	2.35	8.55	2.66	1.37	2.81	3.18	3.69	55.22	47.27	---
572	CHATUGE DAM	F-3	TVA	1930	8	6.05	5.70	5.74	6.05	4.04	5.67	5.76	3.91	3.07	4.32	8.19	3.88	5.47	5.01	6.82	3.82	3.70	3.48	6.07	2.80	1.38	3.62	3.03	4.56	59.32	52.82	2.0
152	GLADE GAP (R)	F-3	TVA	3800	15	7.70	6.64	6.73	6.30	4.66	6.33	5.81	4.90	4.94	4.30	11.40	4.88	9.39	7.36	6.95	5.83	4.66	3.45	6.79	3.37	1.76	3.96	5.25	5.17	76.04	62.49	---
153	LITTLE HIGHTOWER	F-4	TVA	2150	15	6.40	5.62	6.38	5.49	5.93	6.59	6.27	5.22	5.70	4.17	11.73	4.79	6.29	6.81	9.35	5.83	5.28	3.99	8.43	3.73	1.97	4.30	4.31	5.11	78.04	61.65	---
574	TITUS	F-4	TVA	2180	8	6.14	5.96	6.29	6.52	5.46	7.77	6.47	5.46	5.70	5.09	12.91	5.00	8.78	6.41	11.00	6.23	5.47	5.08	8.96	4.14	2.30	5.00	5.35	5.06	84.83	67.72	1.5
154	TRAY MOUNTAIN (R)	F-4	TVA	3900	15	10.98	7.65	6.07	6.42	6.87	7.31	7.67	6.02	8.76	5.13	10.74	4.63	9.42	7.62	10.54	8.19	7.45	5.14	12.55	4.90	1.94	5.24	7.53	6.18	100.52	74.43	---
	LITTLE TENNESSEE RIVER BELOW FONTANA DAM																															
171a	MCGHEE	E-3	TVA	810	2	7.68	4.42	3.37	4.33	4.68	5.18	4.74	4.30	3.95	3.86	3.53	4.34	10.83	4.70	3.94	3.98	3.68	3.32	7.55	2.96	1.44	3.25	3.34	5.24	58.73	49.88	1.0
171	MCGHEE	G-3	USWB	795	45	----	4.42	DISCONTINUED JANUARY 26, 1949																						-----		---
173	KITTIE	E-3	TVA	1000	15	7.05	5.67	4.27	4.97	4.53	5.15	5.08	4.13	3.49	4.00	5.04	3.02	9.16	4.79	6.79	4.46	4.43	2.50	7.94	2.85	1.72	3.58	3.27	4.01	62.77	49.13	2.0
174	TELLICO PLAINS	E-3	TVA	940	36	8.51	4.35	4.61	4.30	4.49	5.47	4.24	4.52	3.64	4.32	3.84	5.08	5.36	5.45	6.68	4.95	4.89	3.16	7.15	3.08	1.47	3.30	3.68	5.70	58.56	53.68	1.0
374	TELLICO RANGER STA.	E-3	USFS	1100	11	7.07	5.38	4.64	5.29	4.38	5.09	4.89	4.28	3.51	4.10	5.14	4.56	6.77	5.11	6.24	4.34	4.65	2.49	7.50	2.75	----	----	3.70	4.04	-----		---
179	HAW KNOB (R)	E-3	TVA	4900	15	9.86	7.71	5.80	7.04	7.90	7.24	5.73	5.69	5.35	5.49	8.03	5.66	11.40	8.94	9.81	6.92	3.89	3.91	10.57	3.78	3.12	4.68	6.74	6.00	88.20	73.06	---
175	MINT	E-3	TVA	920	15	7.35	5.57	4.29	5.07	4.62	5.07	3.57	3.82	4.99	3.98	4.39	3.55	11.43	6.10	5.36	5.50	5.03	3.02	5.95	2.82	2.68	3.60	3.39	4.31	63.05	52.41	1.2
668	ABRAMS CREEK	F-3	USDI	1400	4	7.13		5.02		5.66		5.17		5.52		4.65		9.99		5.48		4.11		6.60		2.85		3.19		65.37		---
176	CALDERWOOD POWERHOUSE	F-3	ALCOA	950	19	6.37	4.84	4.57	5.09	4.49	5.30	4.16	4.30	4.68	4.37	4.85	3.90	8.78	5.76	6.98	5.46	4.81	2.65	8.69	3.13	2.57	2.96	3.06	4.14	64.01	51.90	---
178	CHEOAH DAM	F-3	ALCOA	1110	20	7.72	5.34	4.89	5.62	4.47	5.87	4.55	4.60	6.30	4.43	8.60	4.46	9.10	6.05	5.05	5.16	4.78	3.05	8.54	3.29	2.58	3.13	2.87	4.93	69.45	55.93	---
180	SANTEETLAH DAM	F-3	ALCOA	1960	19	9.40	6.27	5.68	5.93	5.32	5.99	4.77	4.50	4.63	3.92	8.06	3.89	6.57	5.37	5.19	4.95	4.42	2.55	8.76	2.86	2.98	3.67	5.80	5.66	71.58	55.56	---
550	SANTEETLAH GAP	F-3	TVA	2650	9	11.29	8.03	6.56	7.36	6.81	6.86	6.33	4.54	4.29	4.92	5.90	5.34	4.77	6.51	4.16	4.61	5.03	4.20	9.99	3.66	3.07	5.14	6.91	6.65	75.11	67.82	4.0
660	TWENTYMILE	F-3	USDI	1310	4	7.62		5.28		4.82		4.90		5.73		----		7.68		8.36		6.63		9.43		3.69		----		-----		---
592	FONTANA DAM	F-3	TVA	1312	8	7.07	6.09	4.36	6.19	4.62	5.62	3.80	3.82	5.57	4.61	9.02	4.57	6.25	5.98	6.85	4.56	5.60	3.64	8.23	2.96	2.13	4.02	3.39	5.30	66.89	57.36	---
	LITTLE TENNESSEE RIVER ABOVE FONTANA DAM																															
181	PROCTOR	F-3	TVA	1735	15	7.73	6.71	5.12	6.31	5.08	5.82	4.57	4.74	4.32	4.17	8.51	4.52	7.66	6.65	5.70	4.50	5.76	3.08	9.18	3.12	2.53	3.63	4.29	4.94	70.45	58.19	---
182	STECOAH	F-3	TVA	2350	15	7.94	7.01	5.50	6.24	5.56	6.09	5.16	4.90	4.69	4.13	5.45	4.45	7.00	6.47	3.58	4.19	4.07	3.09	8.02	2.94	2.93	3.77	4.58	4.97	64.48	58.25	3.5
183	NOLAND CREEK	F-3	TVA	2400	15	8.90	6.66	5.54	6.28	6.13	6.04	5.47	4.64	4.11	4.34	7.76	4.40	DISCONTINUED JUNE 30, 1949												-----		---
696	FORNEY CREEK	F-3	TVA	2180	-	ESTABLISHED JULY 1, 1949												8.39		4.16		4.03		7.69		3.75		5.24		-----		---
184	CLINGMANS DOME (R)	F-3	TVA	6400	14	12.49	9.33	6.07	8.12	7.22	7.84	7.35	6.50	4.55	6.10	10.30	6.17	11.97	9.04	10.04	9.00	7.19	5.03	12.25	4.82	4.11	6.10	8.05	6.90	101.59	84.95	---
185	BRYSON CITY	F-3	TVA	1860	62	6.08	5.02	5.19	5.19	5.02	5.81	3.95	4.11	4.23	4.18	7.52	4.40	7.43	5.52	DISCONTINUED AUGUST 1, 1949										-----		---
185a	BRYSON CITY (R)	F-3	TVA	1900	8	5.95	4.44	5.00	5.78	5.30	5.53	3.88	3.92	4.09	4.39	8.05	3.80	7.58	6.02	6.32	5.14	3.81	3.43	6.31	2.88	2.14	3.90	3.43	4.94	61.86	54.17	---
525	ELA (NEAR)	F-3	NP.CO.	1830	8	6.33	6.03	5.47	5.50	5.34	5.41	4.92	3.86	5.74	5.24	7.66	4.22	6.95	5.96	4.87	5.27	3.56	3.51	6.11	2.96	2.42	3.91	3.80	5.09	63.17	56.96	---
542	CHEROKEE	F-3	USDI	2020	9	6.22	5.77	5.15	5.34	5.19	5.38	4.59	3.33	3.62	3.56	8.48	4.29	7.53	6.38	5.71	4.52	2.93	2.81	5.81	2.55	2.23	3.76	3.58	4.98	61.04	52.67	5.0
186	RAVENSFORD	F-3	USWB	2100	17	6.98	6.61	6.06	6.20	5.63	6.46	5.36	4.67	3.05	4.42	7.68	4.09	6.88	6.40	7.10	5.79	3.34	3.23	6.03	2.99	2.76	4.06	4.31	5.02	65.18	59.94	2.2
187	SPRUCE MOUNTAIN (R)	F-3	TVA	4800	15	7.98	6.73	4.90	5.60	5.43	5.83	5.44	4.44	4.11	3.82	7.23	4.39	7.14	6.62	6.88	5.58	3.81	3.64	7.39	3.37	3.54	4.27	6.48	4.67	70.33	58.96	---
377	JACK COVE	F-3	TVA	2100	12	6.38	5.36	5.01	5.63	4.43	5.33	5.01	3.59	6.24	3.79	7.54	3.98	5.05	5.98	6.42	4.37	4.72	2.87	5.11	2.11	2.17	3.34	4.06	4.20	62.14	50.55	5.0
249	HALSAM	F-3	TVA	3330	8	6.23	5.97	5.54	6.11	5.24	5.94	5.15	4.02	6.62	5.18	8.45	3.92	7.39	6.04	10.32	6.07	3.41	4.12	6.80	3.53	2.35	4.35	4.63	5.06	72.13	60.31	4.3
189	CULLOWHEE	F-3	USWB	2100	40	4.54	3.90	4.39	3.20	3.51	5.20	4.10	3.60	5.11	3.60	7.22	4.00	10.47	4.20	11.40	4.00	4.37	3.50	6.05	2.70	2.21	2.20	3.08	4.20	66.45	44.30	2.0
564a	GLENVILLE POWERHOUSE	F-3	NP.CO.	2320	8	4.91	5.62	4.93	5.54	5.26	6.72	4.81	4.11	5.07	4.65	8.39	4.10	6.94	5.73	8.46	4.30	3.74	3.85	5.85	3.28	2.57	4.01	3.77	4.96	64.70	56.87	---
564	GLENVILLE DAM	F-3	NP.CO.	3550	9	5.84	6.06	5.35	5.86	5.73	7.30	5.88	4.47	4.78	4.38	9.25	5.22	6.72	6.41	10.62	5.11	4.55	4.34	6.81	3.74	2.84	4.56	4.93	5.58	73.30	63.03	---
509	LAUREL MOUNTAIN (R)	F-3	TVA	4200	9	9.14	7.44	6.10	6.16	7.34	8.34	8.27	5.24	6.92	5.91	10.20	6.28	10.15	8.28	14.89	5.93	5.13	5.63	9.46	5.02	2.60	6.35	8.40	6.91	98.60	77.49	---
190a	HAYWOOD GAP (R)	G-3	TVA	5400	15	7.62	6.15	5.90	5.32	6.64	6.15	8.57	5.13	4.76	4.55	11.65	5.12	12.27	7.87	14.80	7.55	4.19	4.25	11.99	4.52	2.55	4.70	8.16	4.98	99.10	66.29	---
191	OWENS GAP	G-3	TVA	3720	15	5.58	7.21	5.68	6.05	6.94	6.91	8.06	6.03	5.58	4.82	8.55	5.35	12.13	8.19	12.50	8.17	5.17	5.24	#11.71	4.58	2.58	5.59	6.80	6.39	#91.28	74.53	6.0
193	NANTAHALA	F-3	NP.CO.	2020	15	8.39	6.69	6.26	6.57	5.95	6.33	4.71	5.11	5.67	4.12	7.03	4.52	8.39	6.41	7.32	4.95	4.28	3.10	7.33	3.18	2.93	3.82	4.59	4.84	72.85	59.64	2.2
594	NANTAHALA DAM	F-3	NP.CO.	2950	8	10.88	7.95	6.44	7.44	6.19	7.40	5.19	4.65	4.68	5.18	8.01	4.81	8.26	6.63	5.08	4.59	5.09	4.25	7.96	3.52	2.61	4.98	6.71	6.37	77.10	67.77	---
194	NEEDMORE	F-3	TVA	1770	15	7.13	6.17	5.58	5.44	5.34	5.53	4.30	4.10	5.22	3.39	7.47	3.72	4.85	5.93	4.90	4.17	5.07	2.85	6.29	2.58	3.01	3.58	3.61	4.31	62.77	51.77	2.0
195	RAVEN MOUNTAIN (R)	F-3	TVA	4500	15	7.96	6.77	5.19	5.88	5.13	5.69	4.91	4.43	5.87	4.03	8.25	4.64	8.73	7.12	6.44	5.48	3.91	3.50	7.86	3.03	2.38	3.84	4.84	4.91	71.47	59.32	---
196	FRANKLIN POWERHOUSE	F-3	NP.CO.	2000	16	5.63	5.15	4.60	4.57	4.23	5.27	5.33	3.85	5.31	3.20	10.71	4.22	7.46	5.55	8.35	4.54	3.48	2.97	5.90	2.83	1.66	3.01	3.27	3.82	65.93	48.98	1.9
198	FRANKLIN	F-3	USWB	2300	6	6.00	4.43	4.60	4.66	4.51	5.09	5.59	3.87	5.56	3.00	7.39	3.61	5.33	5.70	----	4.36	----	3.16	DISCONT. OCTOBER 11, 1949						-----		---
198a	FRANKLIN	F-3	TVA	2130	1	5.64		4.92		4.35		5.13		5.38		7.29		5.72		5.16		4.34		6.00		2.12		3.08		59.13		1.8
586	CARTOOGECHAYE CREEK	F-3	TVA	2200	8	6.83	6.34	5.34	6.33	5.42	7.16	6.04	4.34	4.88	4.53	9.60	4.24	5.68	6.16	7.28	4.29	4.87	4.38	5.93	3.33	3.08	4.91	4.43	5.70	69.38	61.71	3.0

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1949 PRECIPITATION—In Inches

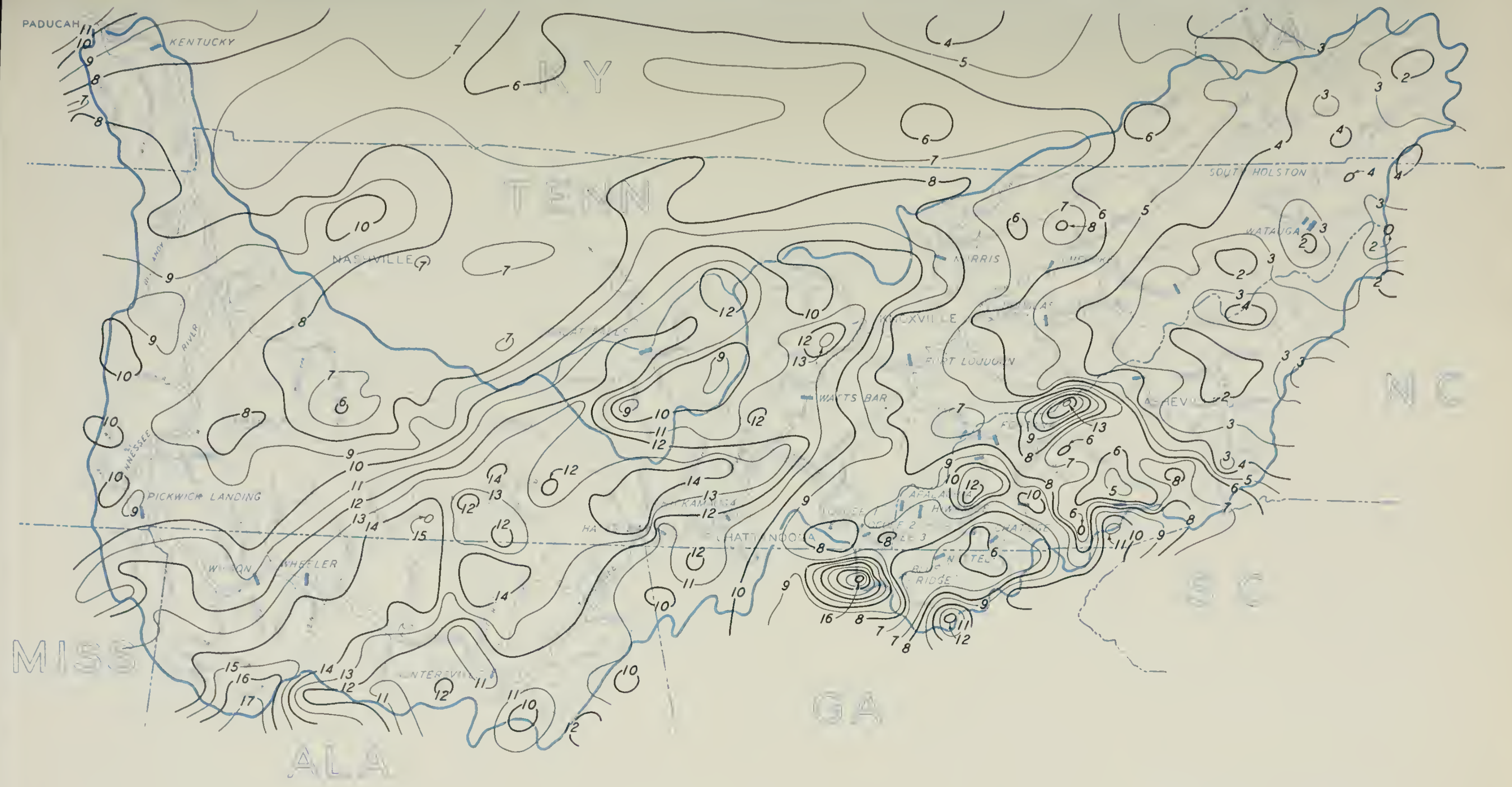
Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs.of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	LITTLE TENNESSEE RIVER ABOVE FONTANA DAM (CONT'D)																															
197	WAYAH BALD (R)	F-3	TVA	5350	15	10.29	8.08	6.69	6.94	7.15	7.05	6.26	5.24	6.18	4.58	10.59	4.75	7.30	7.15	6.05	5.41	5.21	4.14	7.90	3.60	3.53	4.67	5.95	5.74	83.10	67.35	---
199	OTTO	F-3	TVA	2300	15	5.68	5.82	4.65	5.59	5.11	6.22	6.13	4.54	5.39	3.73	8.50	4.09	7.40	6.09	9.95	5.51	4.84	3.82	6.50	3.15	2.20	4.07	4.02	4.48	70.37	57.11	1.8
200b	COWEETA NO. 19	F-3	USFS	2260	3	9.37		6.71		6.29		8.14		6.41		10.34		9.17		8.69		5.79		9.50		2.75		6.90		90.06		---
200	COWEETA NO. 1 (R)	F-3	USFS	2875	15	9.19	7.14	6.70	6.81	5.79	7.47	7.99	5.81	6.90	4.54	10.07	4.74	8.07	6.48	8.40	5.85	6.53	4.46	11.45	4.20	2.79	5.44	6.08	6.07	89.96	69.01	---
201a	HIGHLANDS	F-3	TVA	3800	8	11.31	9.16	6.71	7.56	8.60	9.89	9.94	6.52	5.15	6.85	14.41	7.19	11.15	9.92	14.82	7.16	6.71	7.35	11.78	5.79	2.98	7.54	10.88	7.48	114.44	92.41	3.0
201	HIGHLANDS (NEAR)	F-3	USWB	3350	61	10.55	6.90	6.41	6.70	7.68	8.40	8.71	6.40	3.10	6.00	14.05	7.40	12.88	8.70	12.16	7.50	6.74	6.80	12.78	6.30	2.50	5.00	9.30	8.80	106.86	84.90	2.0
204	CLAYTON	F-4	USWB	2000	57	----	6.13	5.96	6.40	----	6.90	----	5.75	----	4.75	----	5.29	11.58	6.96	13.45	6.49	6.10	4.95	8.85	4.34	1.00	4.22	7.00	7.10	-----	69.28	---
	FRENCH BROAD RIVER																															
642	SEVIERVILLE	F-3	TVA	900	31	5.13	4.30	3.11	4.03	3.94	4.75	3.99	3.82	2.57	4.40	7.94	4.60	9.27	4.64	7.04	4.22	2.53	3.05	6.03	2.74	2.06	2.99	2.42	4.46	56.03	48.00	2.0
496	PIGEON FORGE	F-3	TVA	1012	9	5.74	4.38	2.79	4.14	4.16	4.40	4.22	3.03	2.20	3.29	7.66	4.67	8.48	5.75	5.43	4.35	2.05	3.11	6.45	2.65	2.18	3.12	2.14	3.67	53.50	46.56	2.0
209	GATLINBURG (NEAR)	F-3	USWB	1460	24	4.77	4.32	3.76	4.29	4.32	5.22	5.75	4.13	4.16	4.70	8.57	4.81	7.85	5.69	7.41	5.64	4.57	2.82	7.47	2.95	3.32	2.45	3.27	4.46	65.22	51.48	1.0
210	MT. LE CONTE	F-3	TVA	6350	-	----	----	----	----	----	-----	----	----	4.96	5.80	10.97	6.43	14.80	10.76	11.98	8.66	6.81	4.76	----	----	----	----	----	----	-----		---
593	DOUGLAS DAM	F-3	TVA	928	8	4.85	4.42	2.36	5.10	3.86	3.92	3.75	2.83	1.55	3.00	6.01	2.74	5.67	4.44	3.46	3.25	2.51	2.58	6.19	2.55	2.09	3.31	2.23	4.08	44.53	42.22	---
211	DANDRIDGE	F-2	TVA	1040	45	4.37	4.08	2.37	4.04	4.03	4.61	2.85	3.61	1.90	3.82	4.93	3.79	6.39	4.83	3.33	4.13	2.57	2.73	3.97	2.67	1.74	2.65	2.53	4.17	40.98	45.13	1.2
212	WHITE PINE	F-2	TVA	1165	15	4.60	3.60	2.30	3.82	3.45	3.96	3.34	3.05	1.70	2.66	4.40	3.37	5.44	5.21	6.25	4.04	2.60	2.68	3.65	2.35	1.92	2.72	1.95	3.00	41.60	40.46	2.0
213	BULLS GAP	F-2	TVA	1060	15	4.48	4.40	2.59	4.20	3.79	4.83	5.66	3.33	3.10	2.87	4.89	3.72	4.76	5.50	3.14	3.95	3.04	2.63	4.28	2.44	2.10	3.23	2.30	3.76	44.13	44.86	3.0
214	LICK CREEK (R)	G-2	TVA	1210	14	3.42	3.68	2.35	3.32	2.51	3.45	4.35	2.44	3.62	2.40	2.91	2.66	8.22	5.08	4.92	3.68	1.78	2.24	4.15	2.24	1.74	2.38	2.14	2.91	42.11	36.48	---
215	JEAROLDSTOWN	0-2	TVA	1400	15	4.12	4.34	3.05	4.01	2.95	4.48	5.62	3.23	2.39	3.24	3.84	3.65	10.13	5.50	6.89	4.37	2.28	2.76	4.72	2.67	2.18	2.90	2.52	3.43	50.69	44.58	5.0
216	LITTLE CHUCKY	G-2	TVA	1340	15	2.72	3.88	----	----	----	----	3.80	3.37	2.40	2.76	5.80	3.81	9.60	5.13	6.70	3.94	5.30	2.94	5.40	2.76	2.50	2.83	4.20	3.02	-----		---
661	NOLICHUCKY DAM	0-2	TVA	1220	5	2.39		2.53		3.06		3.01		4.40		5.84		5.52		4.99		4.46		4.11		2.30		2.26		44.87		---
475	GREENEVILLE (NEAR) (R)	0-2	U.T.	1380	9	2.11	3.13	2.31	3.39	2.55	3.71	3.63	2.50	3.52	2.78	4.88	3.66	5.84	4.51	3.15	3.41	3.65	3.48	4.09	2.37	2.11	2.50	1.69	2.94	39.53	38.38	---
217	GREENEVILLE (NEAR)	G-2	USWB	1320	16	#2.37	3.52	2.39	3.72	#2.66	4.60	4.30	3.58	3.40	4.02	4.82	4.41	5.78	3.98	4.11	4.72	3.63	2.55	4.47	2.46	2.30	2.41	1.79	4.21	#42.02	44.18	---
518	TUSCULUM COLLEGE	0-2	PRIVATE	1460	9	3.13	3.59	3.14	3.93	3.08	3.92	4.46	2.56	3.23	3.05	5.93	4.17	7.56	5.63	4.38	4.04	3.25	3.64	#4.31	2.78	2.22	2.99	2.19	3.68	#46.88	43.98	3.5
218	CAMP CREEK BALD (R)	G-2	TVA	4560	15	3.62	5.20	4.57	4.93	4.73	5.61	5.31	3.97	5.35	4.40	5.77	5.36	13.89	7.68	6.56	5.63	4.11	3.89	6.31	3.83	3.28	3.57	3.91	4.47	67.41	58.54	---
219	LIMESTONE	G-2	TVA	1420	15	1.99	3.65	2.58	3.46	2.88	4.01	5.09	3.04	3.01	2.93	4.78	3.85	10.93	5.74	5.40	4.03	3.36	2.83	3.62	2.33	2.20	2.46	1.44	2.75	47.28	41.08	1.0
220	EMBREEVILLE	G-2	TVA	1590	24	1.56	3.28	3.02	3.66	3.99	4.31	4.81	3.30	4.90	4.20	3.80	4.07	9.53	6.02	6.64	4.20	3.76	2.95	4.91	2.98	3.25	2.52	2.08	3.15	52.25	44.64	1.0
221	ERWIN	G-2	TVA	1750	22	2.36	3.29	2.82	3.76	4.04	4.75	4.28	3.38	3.81	4.35	5.24	4.45	5.77	6.14	4.62	4.48	2.86	3.13	3.62	2.95	3.14	2.57	2.37	3.24	44.93	46.49	4.2
643	LIMESTONE COVE	G-2	TVA	2365	5	3.07		2.97		3.93		5.26		3.85		4.54		7.84		5.95		4.00		4.45		3.20		2.09		51.15		5.8
659	POPLAR	G-2	TVA	2000	5	2.77		3.24		3.72		4.54		5.81		4.91		7.06		5.41		2.40		4.67		2.41		1.93		48.87		7.2
223	FLAT TOP MOUNTAIN	G-2	TVA	2880	15	3.38	4.87	3.74	4.46	4.37	4.92	4.84	3.61	5.34	3.78	7.60	4.89	9.01	6.96	7.18	5.47	2.17	3.35	5.25	3.06	2.42	3.40	3.19	3.55	58.49	52.32	9.6
224	BEAUTY SPOT (R)	G-2	TVA	4230	15	3.54	4.26	3.08	3.83	4.28	4.27	5.14	3.45	3.80	3.58	4.78	4.24	5.60	6.71	6.19	4.79	2.95	3.37	5.19	2.97	2.58	3.13	2.60	3.23	49.73	47.83	---
226	CANE RIVER	G-3	TVA	2500	15	2.17	3.99	#3.36	3.94	3.89	4.40	3.76	3.20	4.05	3.38	6.74	3.58	5.52	4.63	6.21	4.18	2.97	3.05	4.35	2.74	2.74	2.74	2.21	2.52	#47.97	42.35	6.5
227	McKINNEY GAP	G-3	TVA	4500	15	4.98	6.49	6.52	5.95	6.40	6.55	7.12	4.65	6.27	4.59	6.04	4.69	8.41	7.11	8.43	5.04	4.13	3.62	5.53	3.48	3.19	4.02	6.10	4.22	73.12	60.41	14.8
228	COXCOMBE MOUNTAIN (R)	G-3	TVA	4250	15	2.10	3.82	4.29	3.79	3.81	4.48	4.44	3.34	6.15	3.67	7.87	3.84	9.39	5.62	9.18	4.98	3.81	3.13	4.66	3.28	2.43	2.66	2.43	2.93	60.56	45.54	---
229	DAYBOOK	G-3	TVA	2350	15	2.50	3.96	3.16	3.61	3.23	4.23	4.11	3.12	4.75	3.36	5.27	3.58	5.47	5.07	7.06	4.50	3.20	3.31	4.00	2.57	2.81	2.80	1.95	2.60	47.51	42.71	1.5
231	ROAN HIGH KNOB (R)	G-2	TVA	6100	15	4.00	4.50	3.94	3.95	4.33	4.73	5.98	4.09	4.35	4.63	7.05	4.98	10.03	7.12	8.16	5.32	3.25	3.82	6.36	3.60	3.68	3.48	3.68	3.05	64.81	53.27	---
402	BAKERSVILLE	0-2	TVA	2575	11	2.35	2.96	3.07	3.68	3.03	3.70	4.71	3.14	4.37	3.69	4.02	3.82	7.35	4.91	5.97	4.97	2.20	2.79	3.64	2.68	2.75	2.52	1.86	2.67	45.32	41.53	10.5
232	CELO	0-3	TVA	2800	15	2.90	4.75	2.99	3.93	3.88	5.03	5.21	3.79	4.57	3.80	7.01	3.65	6.69	5.74	10.88	6.44	3.02	3.81	4.78	3.54	3.19	3.42	3.07	3.43	58.19	51.33	4.5
622	CELO (NEAR)	G-3	USWB	2700	7	3.84	4.85	4.41	4.73	----	----	#5.80	4.22	5.12	4.78	11.46	4.93	7.43	5.29	12.81	5.12	2.42	4.52	4.71	3.28	----	----	----	----	-----		---
233	MT. MITCHELL	G-3	USWB	6684	25	3.41	4.26	4.24	4.91	4.79	6.71	8.87	6.10	7.47	5.41	16.51	6.69	14.37	7.91	14.41	9.04	3.69	6.64	10.90	5.63	1.94	4.63	5.44	6.56	96.04	74.49	36.0
233a	MT. MITCHELL (R)	G-3	TVA	6684	6	2.45	3.72	4.50	5.12	4.34	4.88	8.82	5.03	8.20	5.50	16.60	6.68	12.65	7.00	14.33	7.97	3.64	7.64	8.34	6.94	3.44	4.96	4.05	3.99	91.36	69.43	---
234	SNOW CREEK	G-3	TVA	2600	15	2.66	3.67	2.41	3.37	3.60	4.20	4.45	3.47	2.67	3.30	3.42	3.82	10.28	5.44	7.96	4.88	2.48	3.33	3.77	2.72	3.06	2.91	1.88	2.84	48.64	43.95	---
623	SPRUCE PINE	G-3	TVA	2620	7	2.90	4.14	3.25	3.58	4.11	4.70	5.72	3.69	2.85	3.56	6.13	3.73	5.50	4.26	11.32	4.83	1.84	4.60	5.10	3.85	2.34	4.24	2.80	2.54	53.86	47.72	3.7
235	LITTLE SWITZERLAND (R)	G-3	TVA	3550	15	3.52	5.40	4.05	3.74	5.08	5.20	7.90	4.28	4.37	4.08	8.66	4.28	8.73	6.95	12.89	7.40	1.78	4.79	7.32	4.25	2.89	4.60	4.07	4.11	71.26	59.08	---
236	ALTAPASS	G-3	TVA	2600	26	2.75	3.87	2.35	3.23	2.63	4.69	6.32	3.97	3.02	4.01	7.86	3.79	8.39	6.48	9.31	4.96	0.85	3.93	3.86	3.74	1.70	3.20	2.93	3.95	51.97	49.82	2.5
237	PLUMTREE	G-2	TVA	2900	14	3.11	4.61	3.51	4.16	3.91	4.28	5.27	4.08	3.46	4.01	4.99	4.05	9.95	5.84	9.51	5.42	2.24	3.48	5.14	3.51	2.87	3.63	2.82	3.21	56.78	50.28	6.7
238	SMOKY GAP	H-2	TVA	3650	15	3.80	4.09	3.30	3.67	3.99	4.14	5.36	3.69	4.46	4.42	4.44	4.84	8.42	5.82	10.62	5.57	2.06	3.47	4.06	3.09	3.76	3.58	2.26	2.86	56.53	49.24	18.7
378	CROSSNORE	H-2	USWB	3430	36	3.09	3.85	3.18	4.03	4.01	5.28	6.64	4.29	3.58	4.68	7.90	5.72	12.29	7.00	12.35	5.75	1.42	4.74	6.95	4.95	2.06	3.37	3.11	5.14	66.58	58.80	14.6
241	NEWPORT	F-3	USWB	1080	59	3.69	3.68	2.74	3.91	3.72	4.84	5.18	3.66	2.99	4.25	6.42	4.30	4.52	4.48	4.03	3.94	3.43	2.78	4.32	2.47	1.97	2.47	2.33	4.03	45.34	44.81	1.0
241a	NEWPORT	F-3	TVA	1050	7	3.51	3.80	2.45	4.84	3.44	4.01	5.28	3.06	2.81	2.88	5.97	3.47	4.65	4.81	4.09	3.54	3.05	3.12	3.82	2.47	2.38	2.98	2.37	3.49	43.82	42.47	2.0
538	COSBY NO. 4	F-3	USDI	1720	9	3.58	4.95	4.26	4.33	3.96	5.17	4.61	5.72	4.93	4.28	4.78	4.13	5.67	7.16	4.82	4.68	3.09	2.94	6.76	3.33	3.01	3.35	2.68	4.48	52.15	52.52	---
243	HARTFORD	F-3	TVA	1260	15	2.90	4.13	3.17	4.18	#3.45	4.44	4.54	3.56	6.44	3.87	8.50	4.56	5.99	6.41	4.54	5.07	5.19	2.73	5.79	2.63	2.28	2.65	1.99	3.50	#54.78	47.73	---
244	WATERVILLE POWERHOUSE	F-3	USWB	1410	19	2.76	3.47	3.39	3.68	3.42	4.35	4.24	4.27	5.10	4.48	6.89	5.54	6.69	5.29	5.28	5.00	2.68	3.92	5.37	3.09	2.08	2.13	1.83	3.86	49.73	49.08	2.7
245	MT. STERLING	F-3	TVA	2950	15	4.30	5.03	3.72	4.68	4.07	5.17	4.39	3.43	4.67	4.12	7.38	4.20	7.41	7.16	6.97	5.32	2.95	3.22	5.33	2.82	3.13	3.29	2.12	3.51	56.44	51.95	10.6
656	CATALOOCHEE	F-3	USDI	2620	5	4.75		4.30		3.80		4.04		4.03		5.65		8.80		8.60		2.80		4.87		3.79		2.68		58.11		3.1
407	CATALOOCHEE RANCH	F-3	TVA	4800	11	6.14	6.72	6.09	6.28	5.32	6.73	4.46	4.12	5.62	4.40	4.96	4.90	7.71	7.83	8.20	5.33	2.27	3.34	6.28	3.39	4.52	4.52	5.10	5.11	66.67	62.67	14.4
247	WAYNESVILLE	G-3	USWB	2675	56	4.93	3.75	4.18	4.04	3.56	5.05	3.59	3.68	3.51	3.98	7.73	4.12	5.92	4.60	7.49	4.21	2.07	3.00	5.66	3.04	----	2.25	2.86	4.61	-----	46.33	---
248	EAGLENEST MOUNTAIN	F-3	TVA	3360	15	6.44	6.72	6.13	6.40	5.57	6.53	6.06	4.32	5.02	3.96	10.77	4.22	8.14	6.48	7.45	4.66	3.53	3.29	5.76	2.92	4.74	4.07	5.84	4.75	75.45	58.32	3.6
250	[illegible] MOUNTAIN (R)	C-3	TVA	4300	15	2.76	3.30	3.17	2.97	2.48	3.64	3.51	2.72	3.35	2.26	8.10	2.94	8.19	5.85	7.15	4.60	1.76	2.31	4.77	2.55	2.14	2.37	1.39	2.28	48.77	37.79	---
251	CANTON	G-3	CP&LCO.	2600	19	2.63	2.75	3.73	3.27	3.19	4.00	4.00	3.62	3.99	3.44	7.13	3.55	8.34	3.92	11.41	4.18	1.60	3.39	4.90	2.76	2.03	1.80	1.63	3.36	54.58	40.04	7.2
253	DIX CREEK	G-3	TVA	3280	15	4.39	5.30	3.89	4.69	3.70	5.49	4.13	3.87	3.65	3.50	9.81	3.83	6.02	5.56	----	----	----	----	5.07	3.12	3.25	3.70	2.98	3.70	-----		3.9
254	MT. PISGAH (R)	G-3	TVA	5300	15	4.47	5.31	3.54	4.34	4.71	5.34	6.53	4.61	5.18	4.53	14.29	5.06	9.73	7.38	16.30	7.63	2.38	5.03	8.81	4.92	2.89	4.49	4.83	4.59	83.66	63.23	---
629	BIG EAST FORK PIGEON	G-3	USFS	3410	7	7.79	7.64	6.61	7.10	6.94	8.95	8.88	6.84	5.96	6.13	14.97	6.29	10.04	7.56	14.74	5.32	3.43	7.18	11.26	5.87	3.82	7.80	8.69	5.39	103.13	82.07	6.8
255	WOLF CREEK	G-3	TVA	1200	15	2.24	3.64	#3.16	3.60	3.63	4.24	3.23	2.84	4.46	3.39	6.87	3.80	7.37	6.17	4.02	4.16	4.41	3.23	4.46	2.41	2.60	2.37	1.85	2.74	#48.30	42.59	1.3
256	HOT SPRINGS	G-3	USWB	1335	45	1.75	3.00	3.09	2.80	3.41	4.50	4.13	3.70	4.98	3.60	7.23	4.20	10.17	5.10	5.84	5.10	3.02	2.90	4.69	2.80	2.34	1.90	1.98	4.50	52.63	44.10	---

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1949 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	FRENCH BROAD RIVER (CONT'D)																															
256a	HOT SPRINGS AIRWAYS	G-3	USWB	1400	9	1.89	3.00	2.87	2.80	3.45	4.50	3.83	3.70	4.76	3.60	7.06	4.20	8.60	5.10	6.86	5.10	3.07	2.90	4.79	2.80	2.32	1.90	2.14	4.50	51.64	44.10	1.5
257	MAX PATCH MOUNTAIN (R)	G-3	TVA	4285	15	2.74	4.29	4.73	4.49	5.30	4.80	4.90	4.29	4.21	4.20	11.07	4.95	9.25	7.19	7.63	6.17	5.16	3.76	5.65	3.26	3.83	3.08	2.50	3.19	66.97	53.67	---
261	DOGGETT GAP	G-3	TVA	3800	15	3.16	4.36	3.34	3.94	3.18	4.83	4.58	3.59	4.05	3.44	10.32	4.44	11.86	6.60	10.15	6.10	2.69	3.04	5.83	3.11	3.22	3.07	2.25	3.09	64.63	49.61	8.8
259	CODY STORE	G-3	TVA	2450	15	2.33	3.92	3.62	3.62	3.83	4.37	4.40	3.33	3.03	3.68	5.06	4.29	6.38	5.85	6.78	4.82	4.42	3.08	5.06	2.59	2.55	2.62	2.75	2.86	50.21	45.03	7.5
672	SAMS GAP	G-3	TVA	3650	3	4.01		4.88		4.48		4.92		5.81		4.94		8.44		8.17		4.57		5.85		4.01		3.02		63.10		13.0
262	MARSHALL	G-3	USWB	1950	51	1.58	2.56	3.19	2.71	3.03	3.94	3.78	3.44	3.74	3.11	5.59	4.25	6.21	4.32	5.88	4.29	4.16	3.03	4.22	2.63	2.68	1.90	1.96	3.11	46.02	39.29	2.0
263	IVY	G-3	TVA	2100	15	2.16	3.56	3.60	3.43	3.33	4.02	3.72	3.04	4.57	3.32	5.41	4.06	5.47	4.35	4.99	4.27	3.39	2.54	5.06	2.34	2.77	2.37	2.01	2.37	46.48	39.67	4.0
264	BARNARDSVILLE	G-3	TVA	2250	15	1.36	3.57	3.09	3.47	3.56	4.07	3.19	2.93	3.17	3.03	8.22	4.37	9.41	5.23	5.09	4.60	2.51	2.66	5.81	2.74	2.68	2.67	1.66	2.51	49.75	41.85	3.1
666	WEAVERVILLE	G-3	TVA	2160	4	1.45		2.99		2.79		2.70		3.05		3.87		4.33		5.36		2.03		4.93		2.78		1.68		37.96		3.5
677	BEECH	G-3	USWB	2960	2	2.19		#3.70		4.45		5.23		5.24		7.40		12.00		7.55		1.90		4.00		3.78		----		-----		---
265	LEICESTER	G-3	TVA	2100	15	1.96	3.34	2.54	3.06	3.11	3.76	3.32	3.10	2.27	2.94	4.63	3.86	6.84	4.97	6.17	4.92	2.51	2.48	5.87	2.46	2.03	2.48	3.13	2.48	44.38	39.85	5.2
267	ASHEVILLE (R)	G-3	USWB	2274	74	2.06	3.10	3.24	3.15	3.32	3.97	4.14	3.02	3.70	3.43	4.19	3.93	6.74	4.30	5.78	4.16	1.53	3.04	5.13	2.75	1.45	2.23	2.52	3.20	43.80	40.28	4.4
268a	BEETREE DAM	G-3	TVA	2540	2	2.26		3.63		4.37		4.64		5.13		8.84		12.18		8.99		2.54		5.15		2.72		2.53		62.98		2.5
268	BEETREE DAM (R)	G-3	TVA	2540	25	1.81	3.25	3.08	3.26	3.51	4.15	3.96	3.27	4.06	3.31	7.96	3.58	11.33	5.15	7.30	5.60	1.84	3.66	4.25	3.25	2.20	2.67	1.95	3.40	53.25	44.55	---
269	BEETREE GAP (R)	G-3	TVA	5190	15	2.92	4.21	4.41	4.06	5.28	4.87	6.06	3.78	5.40	3.57	10.27	4.50	13.79	6.81	12.38	6.75	2.43	3.86	6.48	3.54	3.94	3.27	3.78	3.34	77.14	52.56	---
270	SWANNANOA (NEAR)	G-3	USWB	2250	19	2.16	3.66	----	----	----	----	4.10	3.14	4.17	2.97	5.89	3.23	8.37	5.25	8.40	5.59	0.90	3.03	5.61	3.49	1.96	2.63	----	----	-----		---
271a	NORTH FORK NO. 2	G-3	USWB	2520	7	2.59	4.57	3.99	4.26	4.03	5.33	4.12	3.67	5.20	4.15	7.97	4.62	12.70	6.39	12.12	5.80	2.61	4.66	5.21	3.69	2.87	3.45	2.55	3.41	65.96	54.00	4.3
271	NORTH FORK (R)	G-3	TVA	2765	24	3.15	4.36	5.22	4.42	4.53	5.27	5.16	4.36	5.46	4.17	12.68	4.59	13.66	6.48	10.66	6.86	2.59	4.47	6.57	4.37	3.13	3.77	3.52	4.43	76.33	57.55	---
700	BLACK MOUNTAIN	G-3	USWB	2400	-	ESTABLISHED OCTOBER 14, 1949																		----		2.02		2.47		-----		---
272	MONTREAT	G-3	USWB	2600	32	----	----	----	----	----	----	----	----	----	----	10.01	5.40	----	----	----	----	DISCONTINUED OCTOBER 14, 1949								-----		---
273	POINT LOOKOUT	G-3	USWB	2320	15	3.08	4.10	4.04	4.09	5.01	4.95	6.09	4.15	5.41	4.60	10.76	4.53	11.94	8.30	14.40	6.31	2.62	5.17	8.15	4.77	2.50	4.24	3.48	3.94	77.48	59.15	3.5
274	ENKA	G-3	USWB	2075	20	2.02	3.28	3.46	2.96	3.46	3.45	4.98	3.04	3.52	2.77	4.96	3.41	7.46	4.92	7.36	3.83	2.05	2.49	5.29	2.48	2.24	1.99	2.33	2.98	49.13	37.60	3.5
266	ROCKYFACE MOUNTAIN	G-3	TVA	3000	15	2.54	3.58	3.20	3.36	3.38	3.99	3.93	2.98	#3.92	2.93	8.53	3.64	4.69	4.73	9.06	4.89	1.08	2.83	3.24	2.53	2.50	2.50	----	----	-----		6.8
275	BENT CREEK	G-3	USFS	2100	16	3.01	4.09	3.39	3.38	4.01	4.25	5.07	3.42	5.02	2.94	4.55	3.96	8.79	5.73	8.08	4.61	1.77	2.66	6.06	3.07	2.51	2.92	3.48	3.03	55.74	44.06	---
276	A & H AIRPORT	G-3	USWB	2094	15	3.18	4.55	3.77	3.87	4.53	4.72	5.22	3.46	4.64	3.60	4.28	3.61	10.41	6.21	10.26	5.22	2.88	3.19	6.23	3.23	1.56	3.17	2.94	3.30	59.90	48.13	6.2
277	GARREN CREEK	0-3	TVA	2600	14	2.57	5.14	3.75	4.39	4.89	5.39	4.99	4.37	7.19	3.97	9.01	5.83	11.62	7.14	12.00	7.68	3.01	4.72	7.86	4.82	2.20	4.30	3.16	4.17	72.25	61.92	4.3
278	BLUE RIDGE POST OFFICE (R)	G-3	TVA	2270	15	3.63	4.99	3.89	4.29	4.73	5.00	5.02	3.88	4.97	4.13	4.78	4.48	10.96	6.86	13.91	5.99	2.84	4.76	9.31	4.15	2.00	3.86	3.47	4.06	69.51	56.45	---
279	HENDERSONVILLE	G-3	USWB	2153	53	4.41	4.55	3.92	4.60	5.35	5.31	6.54	4.23	5.13	4.86	5.12	5.54	12.71	6.07	12.60	6.08	2.87	4.75	7.82	4.52	2.00	3.03	3.88	5.88	72.35	59.42	4.9
279a	HENDERSONVILLE	G-3	TVA	2090	2	4.14		4.00		5.29		5.82		5.55		5.03		11.98		12.95		3.20		7.61		1.97		3.59		71.13		4.9
280	RUSH MOUNTAIN	G-3	TVA	2900	15	5.91	6.95	5.79	5.60	6.82	6.81	9.05	5.36	4.79	4.56	7.47	4.63	11.88	7.89	15.06	8.83	4.99	4.80	12.43	5.46	2.05	5.71	7.02	6.14	93.26	72.75	4.0
282	PINK BEDS (R)	G-3	TVA	3300	14	7.70	6.92	5.13	6.14	6.40	6.88	8.13	5.75	5.70	5.06	11.83	5.43	9.29	6.64	10.99	7.50	3.06	4.96	10.44	5.13	2.59	5.39	7.94	6.64	89.20	72.44	---
281	HORSESHOE	G-3	TVA	2140	15	2.86	5.42	#3.78	4.47	4.06	4.72	5.50	3.80	3.66	4.10	3.34	4.33	10.77	6.95	6.45	5.75	2.45	3.83	6.78	3.63	3.41	3.69	3.85	3.87	#56.91	54.56	3.2
283	CEDAR MOUNTAIN (R)	G-3	TVA	2750	14	7.41	7.57	6.38	6.43	7.86	7.52	11.28	3.95	5.02	5.34	12.75	6.01	13.28	8.34	17.53	9.60	6.87	5.36	12.61	5.54	2.81	6.46	7.41	6.77	111.21	80.89	---
284	CAESARS HEAD	G-3	USWB	3115	25	7.64	6.77	5.81	5.45	7.30	6.57	----	5.11	----	4.95	----	5.25	18.95	7.15	----	8.12	----	5.69	----	5.51	2.65	5.57	6.95	7.16	-----	73.30	---
476	PISGAH FOREST	0-3	USWB	2150	10	6.33	5.47	5.17	5.00	5.20	6.75	7.28	4.29	4.63	5.20	8.10	4.97	13.14	7.18	12.46	7.35	4.20	4.35	8.47	3.59	2.26	5.01	5.19	5.35	82.43	64.51	2.5
662	GLOUCESTER GAP (R)	G-3	TVA	3200	4	7.14		5.53		6.33		8.00		5.55		10.15		15.22		14.37		4.11		11.16		2.63		7.55		97.74		---
678	DAVIDSON RIVER FISH REARING STA.	0-3	USWB	2760	2	8.54		5.42		6.66		8.32		5.85		13.05		15.80		17.36		3.95		12.90		2.80		7.95		108.60		4.0
285	BREVARD	G-3	USWB	2250	48	6.65	4.50	5.49	4.40	5.60	5.10	8.02	4.40	6.37	5.20	7.94	5.80	16.22	6.80	11.68	6.60	4.12	4.90	8.64	4.90	2.58	3.20	5.65	5.80	88.96	61.60	5.0
286a	ROSMAN NO. 2	G-3	TVA	2200	15	8.32	7.42	5.88	6.44	7.66	7.03	8.69	5.70	5.31	5.30	6.85	4.98	16.93	9.10	11.10	8.27	5.39	4.85	11.55	4.96	3.41	5.75	8.60	6.32	99.69	76.12	2.5
640	SASSAFRAS MOUNTAIN	G-3	TVA	3500	7	7.94	7.03	6.81	6.53	7.69	8.53	10.58	5.38	6.13	5.68	11.03	5.52	19.14	10.36	15.83	6.97	6.63	6.85	13.19	5.99	2.83	7.80	7.26	6.78	115.06	83.42	2.5
663	QUEBEC (R)	G-3	TVA	2600	4	8.68		5.95		7.03		8.12		6.34		7.63		12.97		13.35		4.20		12.17		2.73		9.02		98.19		---
	UNCLASSIFIED STATIONS																															
412	JACKSON SUBSTA.	A-3	TVA	360	11	8.85	5.10	2.90	4.54	5.32	5.49	4.17	4.70	6.03	4.13	10.61	5.04	5.53	3.74	5.91	4.10	2.41	3.26	6.78	2.91	1.15	5.24	7.54	4.79	67.20	53.04	4.0
413	MARTIN SUBSTA.	A-2	TVA	385	11	7.13	3.94	5.29	4.44	6.48	5.67	3.89	4.27	3.22	3.90	6.31	4.17	6.85	3.78	6.11	3.40	1.83	2.81	8.56	3.47	0.77	4.45	6.88	4.08	63.32	48.38	3.5
414	MEMPHIS SUBSTA.	-	TVA	295	11	10.05	5.04	1.87	4.51	5.90	5.40	6.34	4.67	3.11	3.48	6.80	4.05	3.45	2.68	2.36	2.47	0.80	2.44	8.09	3.41	0.21	4.76	6.58	4.58	55.56	47.49	5.0
415	TUPELO SUBSTA.	A-4	TVA	256	11	14.61	5.63	3.96	5.63	8.81	7.14	3.73	3.93	2.44	3.08	4.71	4.19	3.64	4.02	3.92	2.54	2.12	3.25	4.46	1.74	1.00	5.13	3.05	4.35	56.45	50.63	3.0
454	CARTHAGE SUBSTA.	D-2	TVA	500	10	7.22	4.60	3.43	4.87	4.68	5.26	4.50	3.62	3.47	4.08	7.30	4.32	6.51	4.01	3.74	4.06	1.60	2.65	6.85	2.36	1.50	4.50	5.06	4.32	55.86	48.65	2.0
455	LEBANON SUBSTA.	C-2	TVA	530	36	6.68	4.74	3.44	4.03	4.78	5.51	3.63	4.35	5.93	4.60	9.74	4.31	4.27	4.16	3.69	4.25	0.73	2.82	5.99	3.26	0.99	3.93	5.21	4.69	55.08	50.65	2.5
469	SOUTH NASHVILLE SUBSTA.	C-2	TVA	425	10	7.14	5.30	3.23	4.27	5.86	5.41	3.80	3.54	6.49	3.91	8.08	2.79	5.74	3.86	3.29	3.16	1.00	2.92	5.97	2.07	0.61	3.92	6.18	4.32	57.39	45.47	4.5
639	BOWLING GREEN SUBSTA.	C-1	TVA	470	6	5.37	4.83	8.72	5.68	4.35	5.16	3.46	3.72	1.54	3.80	7.21	3.38	3.58	3.72	3.52	3.45	1.29	3.39	3.79	2.10	1.27	3.95	9.24	4.27	53.34	47.45	6.4
683	RUSSELLVILLE SUBSTA.	C-2	TVA	576	2	6.84		8.32		5.72		4.93		3.11		8.22		4.46		5.55		1.26		5.25		1.16		8.40		63.22		2.2
684	SUMMER SHADE SUBSTA.	D-2	TVA	-	2	6.85		4.76		5.78		3.30		3.05		7.93		8.44		3.65		0.35		6.87		0.83		6.14		57.95		2.9
697	BYRDSTOWN	D-2	TVA	980	-	ESTABLISHED OCTOBER 10, 1949																		----		1.64		4.34		-----		---
698	JAMESTOWN	E-2	TVA	1700	-	ESTABLISHED OCTOBER 10, 1949																		----		1.99		4.50		-----		---

(#) Interpolated or partly interpolated. (R) Recorder at present.



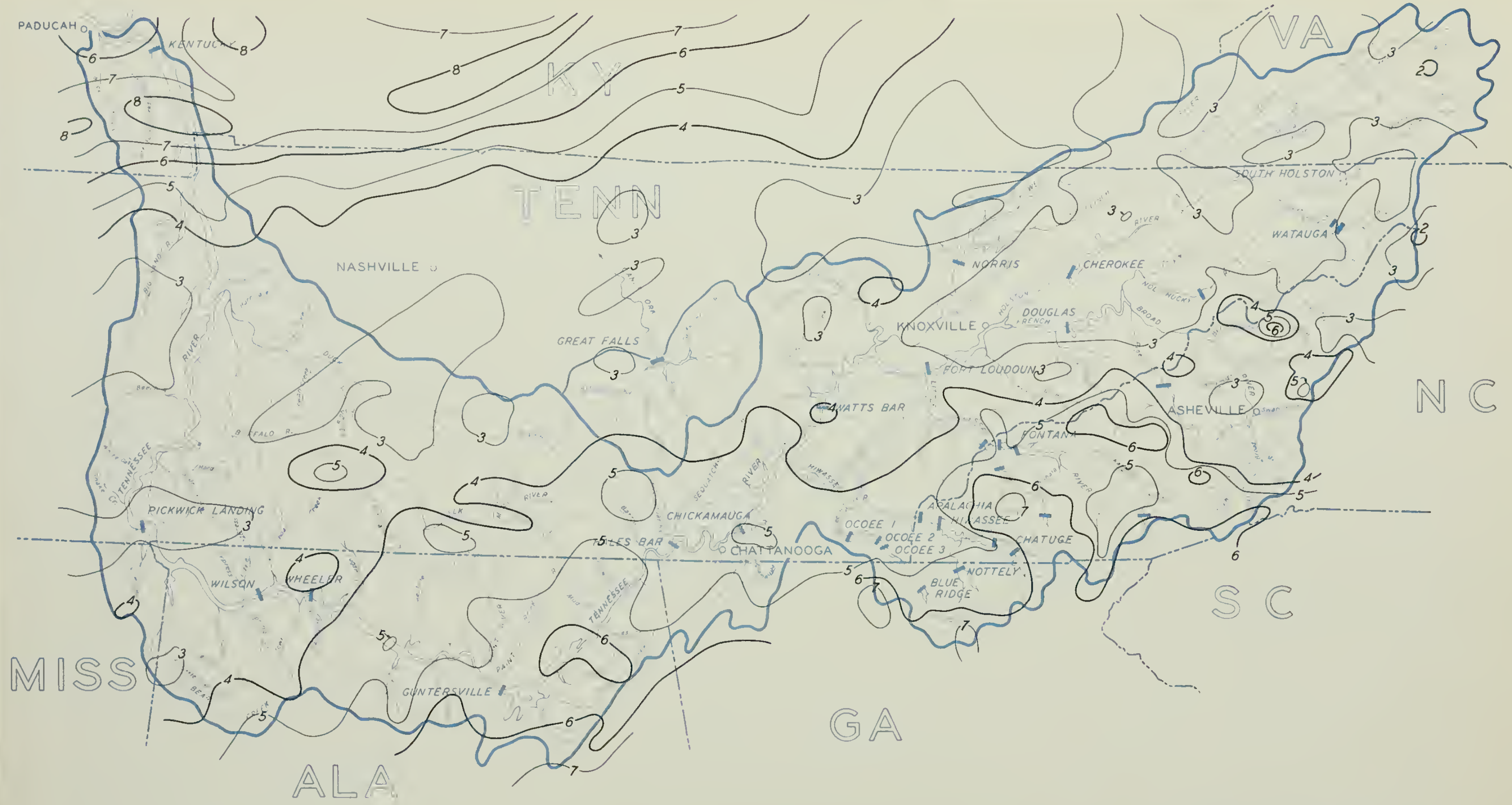
SYMBOLS:

—12—	Rainfall in Inches
—·–·—	State Lines
▬	Dams
⬚	Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION—JANUARY 1949

SCALE 10 0 10 20 30 40 50 MILES



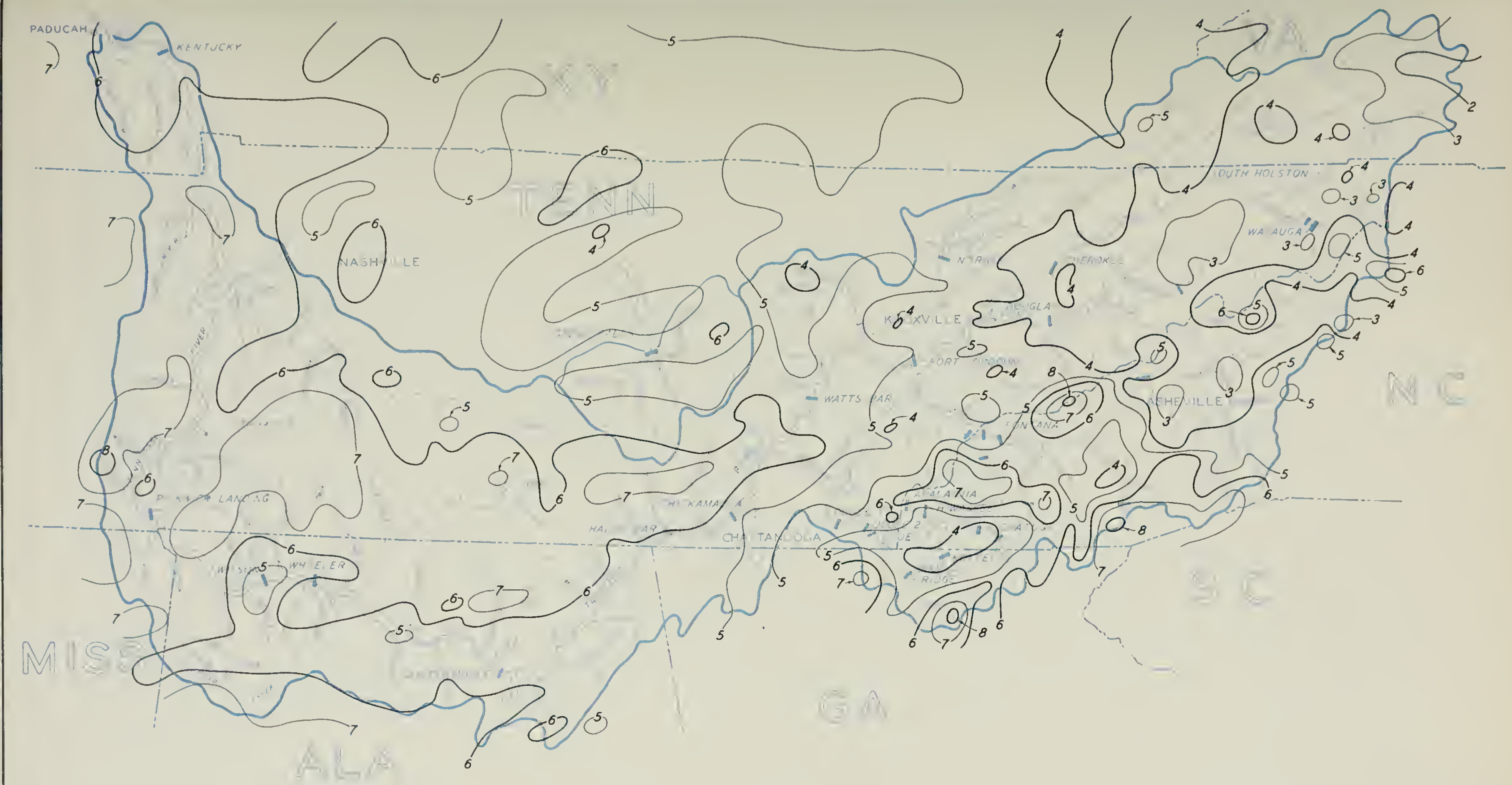
TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION—FEBRUARY 1949

SCALE 10 0 10 20 30 40 50 MILES

SYMBOLS:

- —4— Rainfall in Inches
- —·—·— State Lines
- ▬ Dams
- ⬚ Dams Under Construction



SYMBOLS:

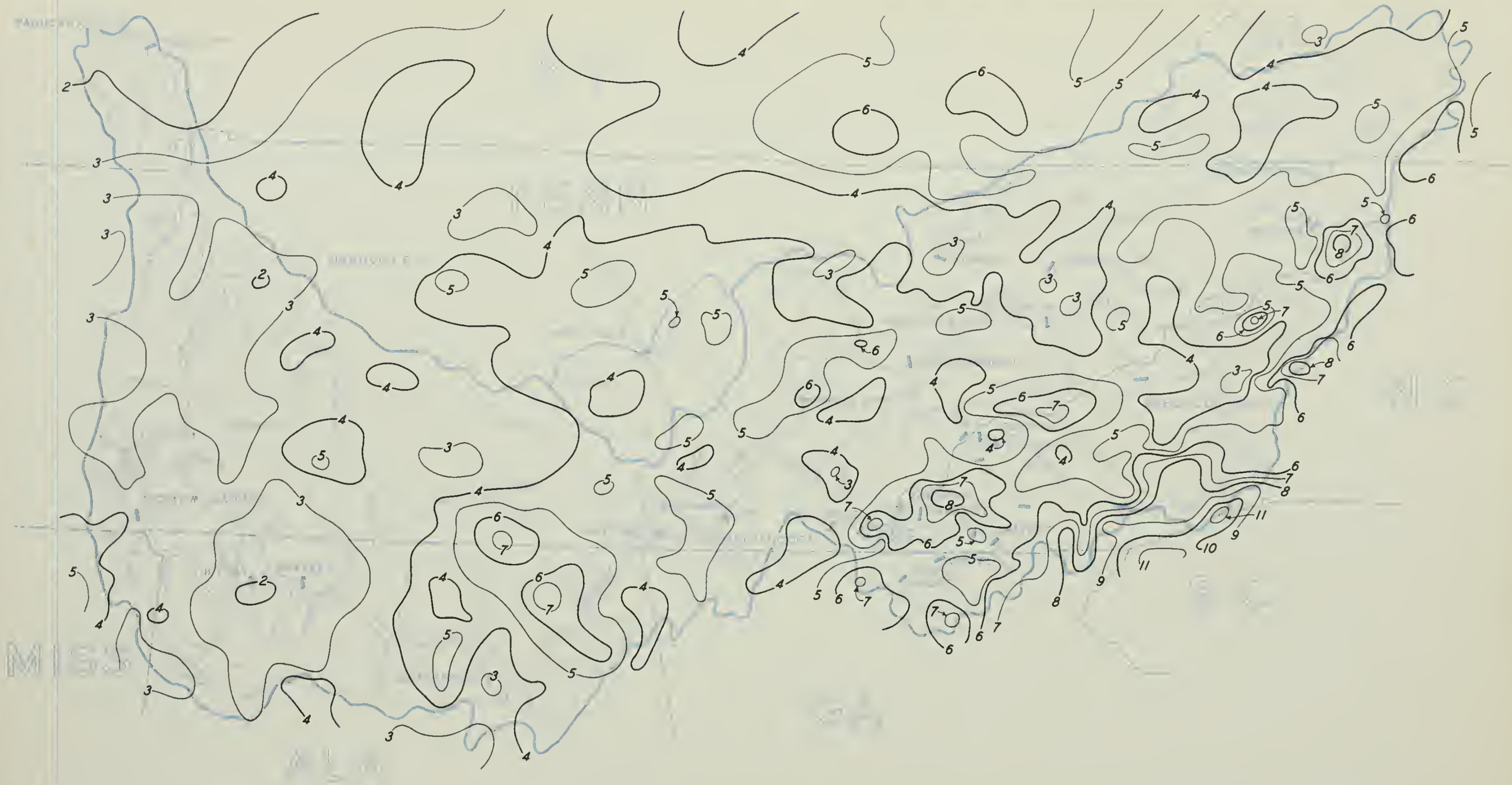
—6—	Rainfall in Inches
—·—·—	State Lines
▬	Dams
▭	Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN

PRECIPITATION—MARCH 1949

SCALE 10 0 10 20 30 40 50 MILES



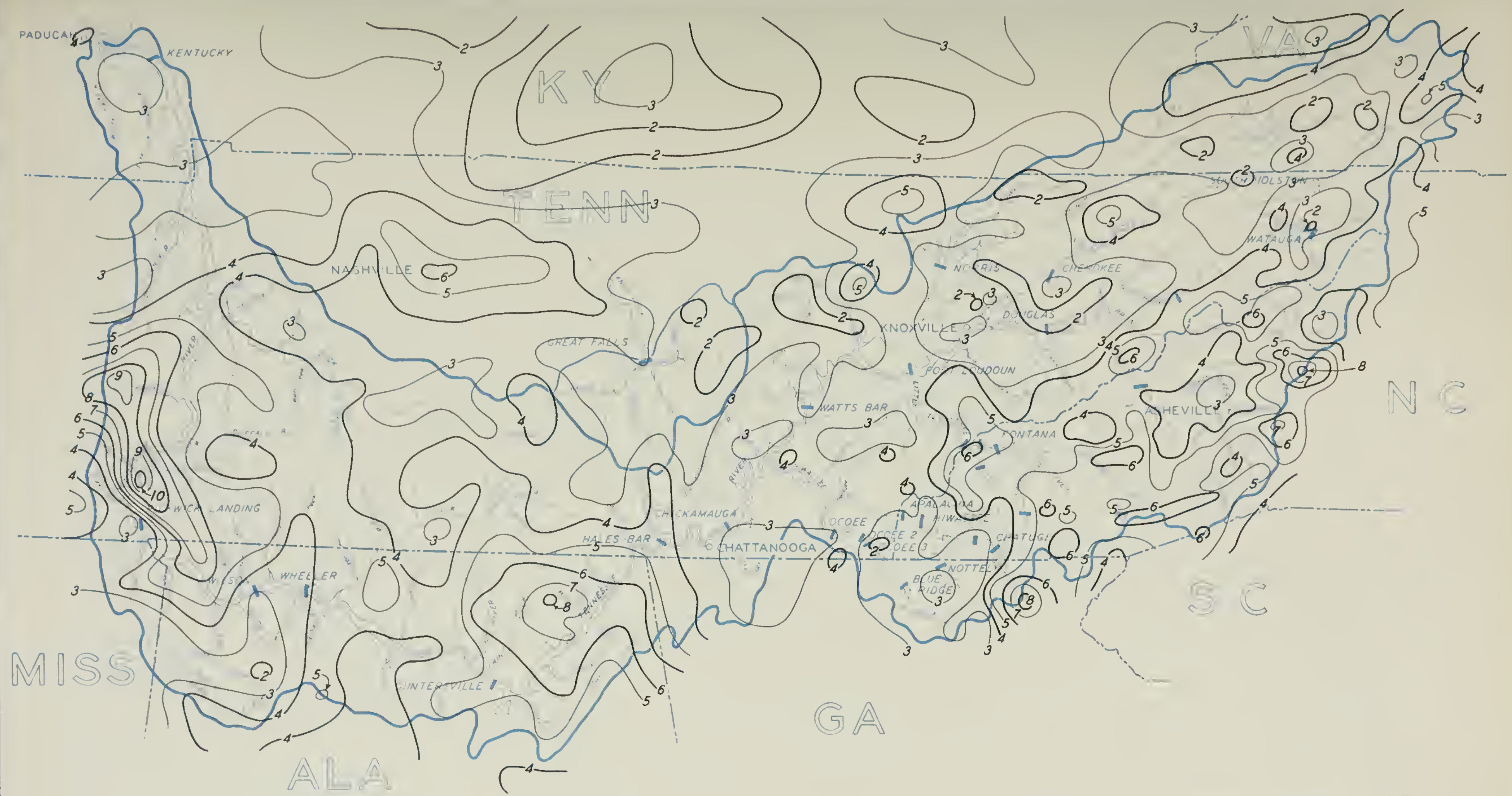
SYMBOLS:

- —2— Rainfall in Inches
- —·—·— State Lines
- ▬ Dams
- ⌑ Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION—APRIL 1949

SCALE 10 0 10 20 30 40 50 MILES



SYMBOLS:

—2— Rainfall in Inches

—·—·— State Lines

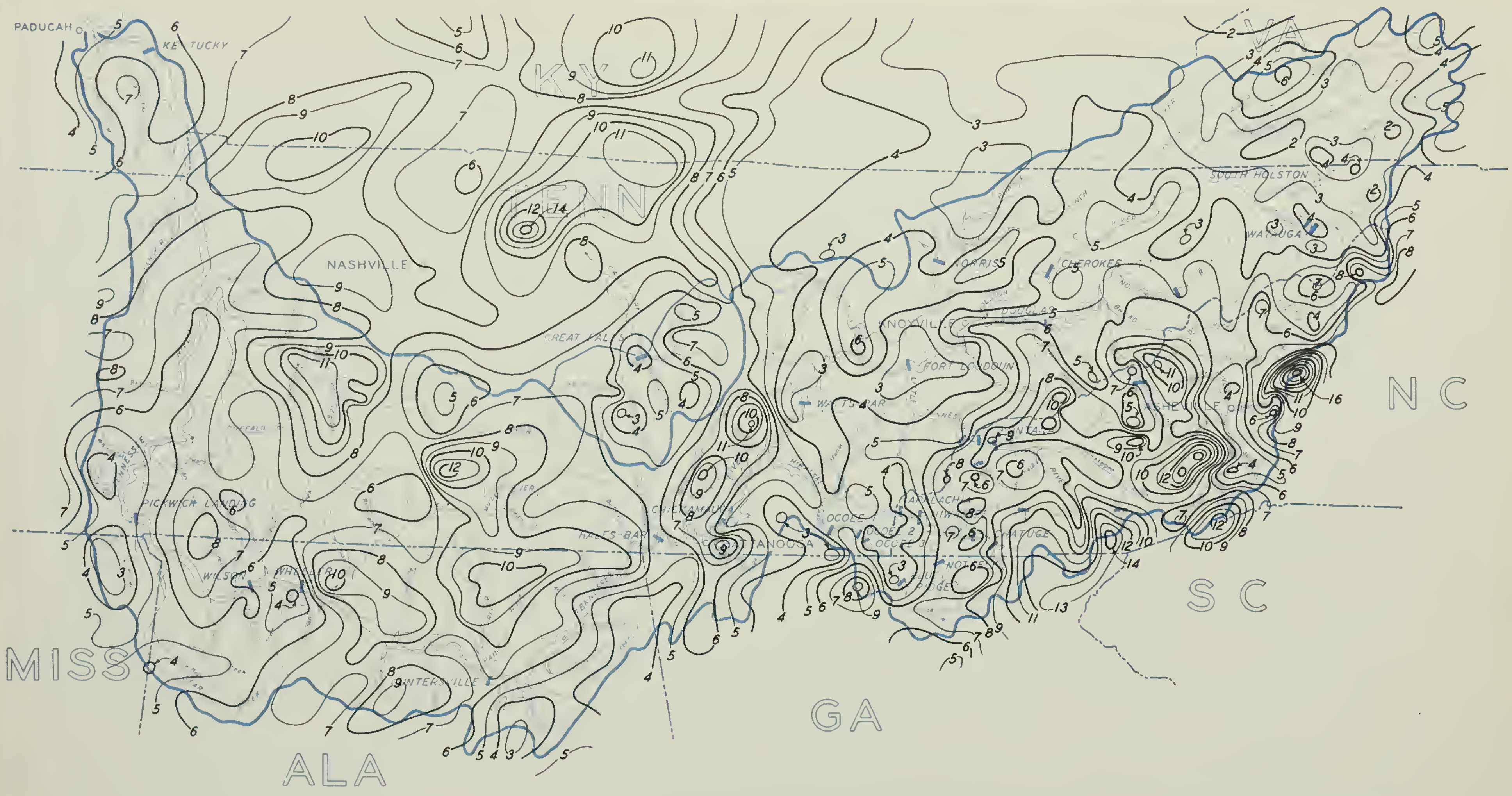
▬ Dams

⬚ Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION—MAY 1949

SCALE 10 0 10 20 30 40 50 MILES



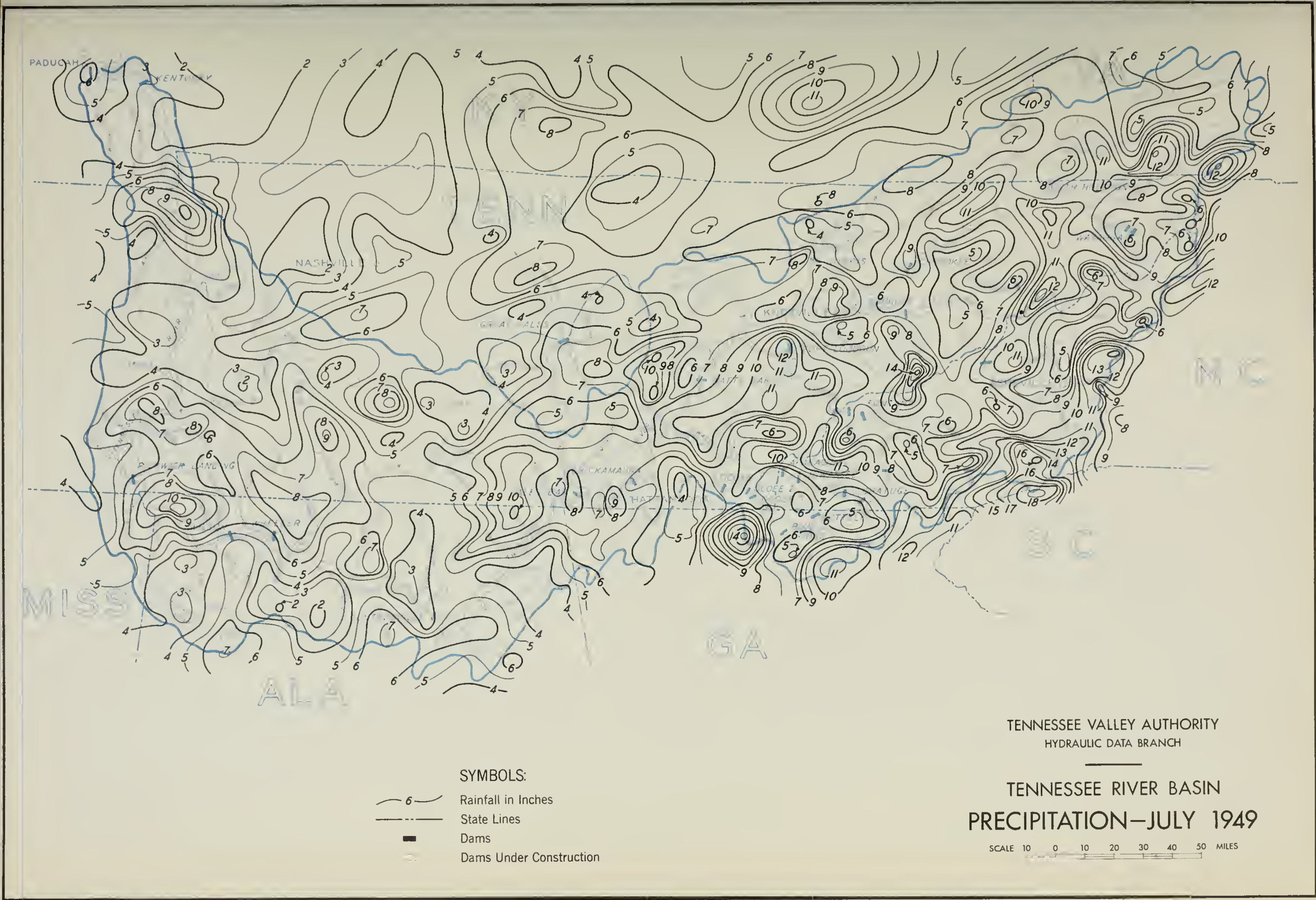
SYMBOLS:

—4—	Rainfall in Inches
—·—·—	State Lines
▬	Dams
⬚	Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

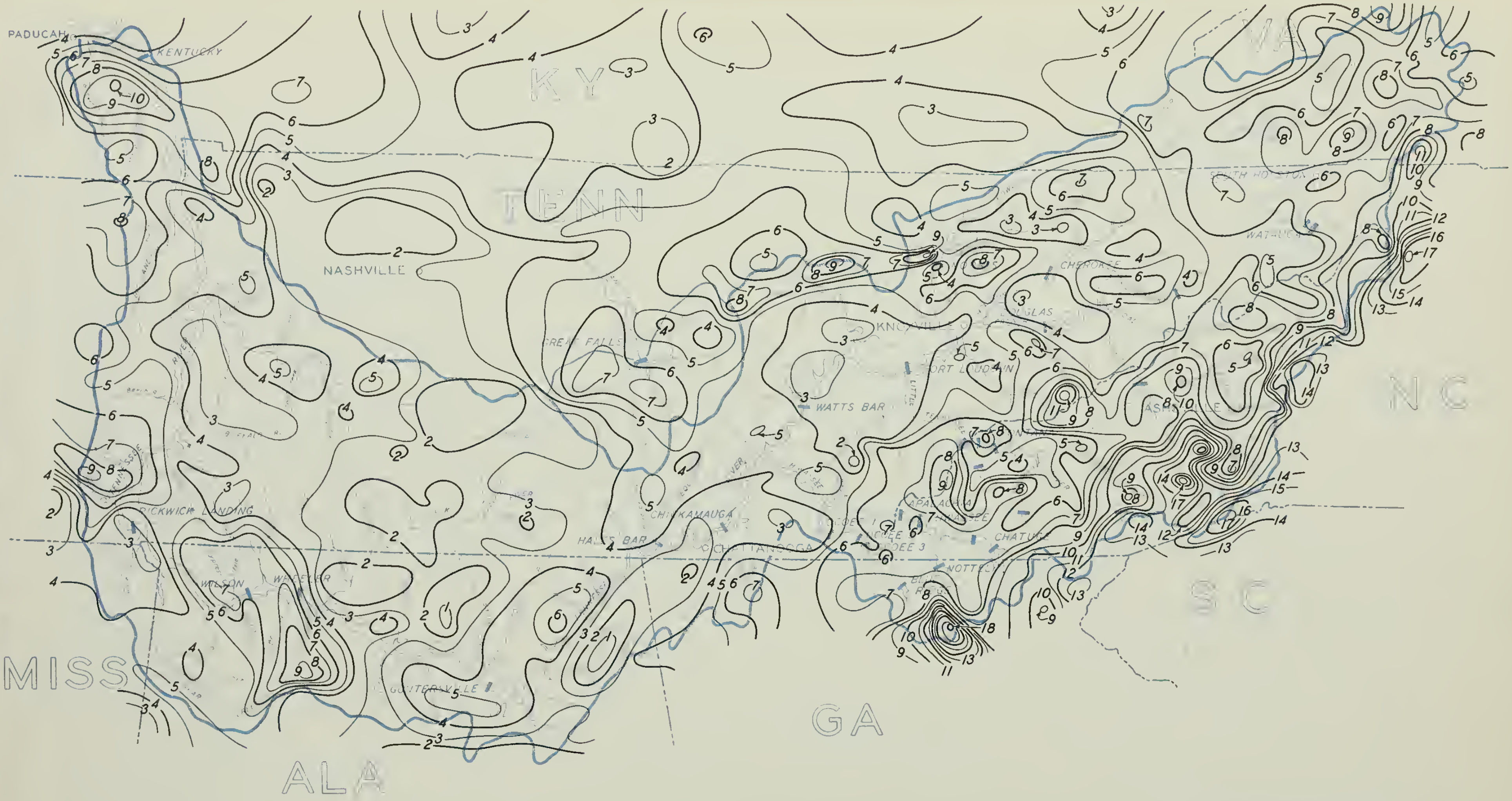
TENNESSEE RIVER BASIN
PRECIPITATION—JUNE 1949

SCALE 10 0 10 20 30 40 50 MILES



TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION–JULY 1949



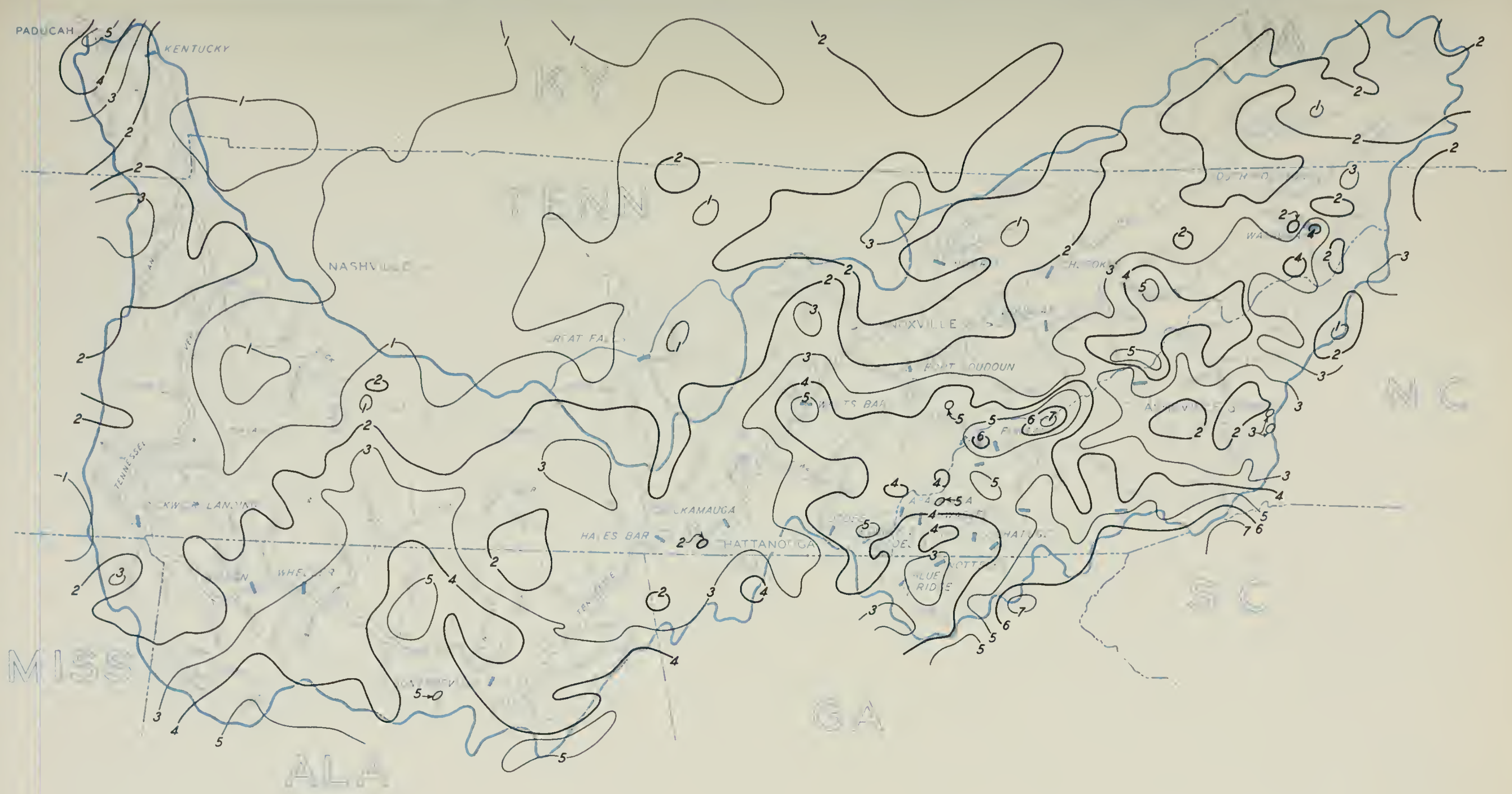
SYMBOLS:

- 6 — Rainfall in Inches
- —·—·— State Lines
- ▬ Dams
- ⊏⊐ Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION—AUGUST 1949

SCALE 10 0 10 20 30 40 50 MILES



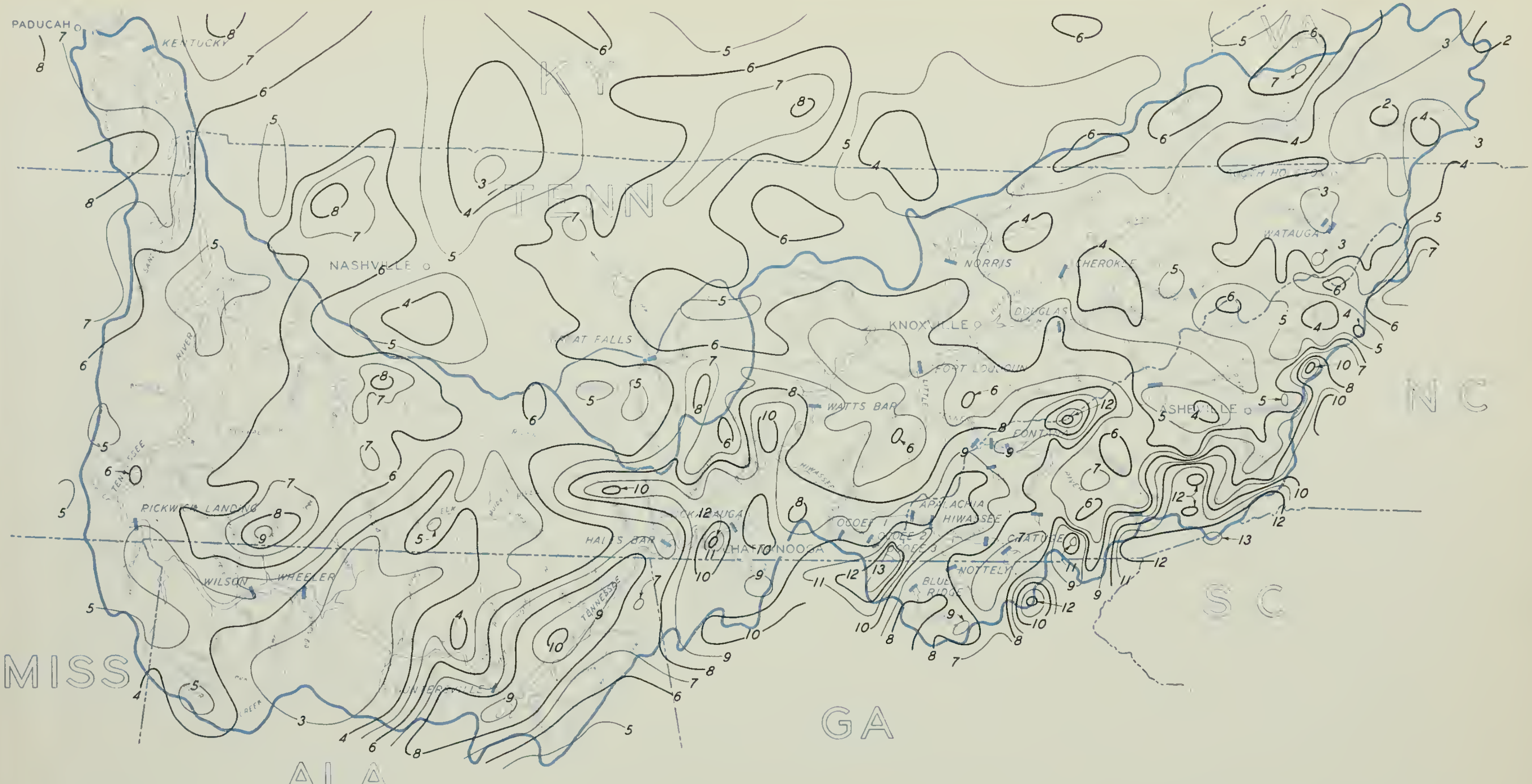
TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION—SEPTEMBER 1949

SCALE 10 0 10 20 30 40 50 MILES

SYMBOLS:

—2— Rainfall in Inches
—·—·— State Lines
▬ Dams
⬚ Dams Under Construction



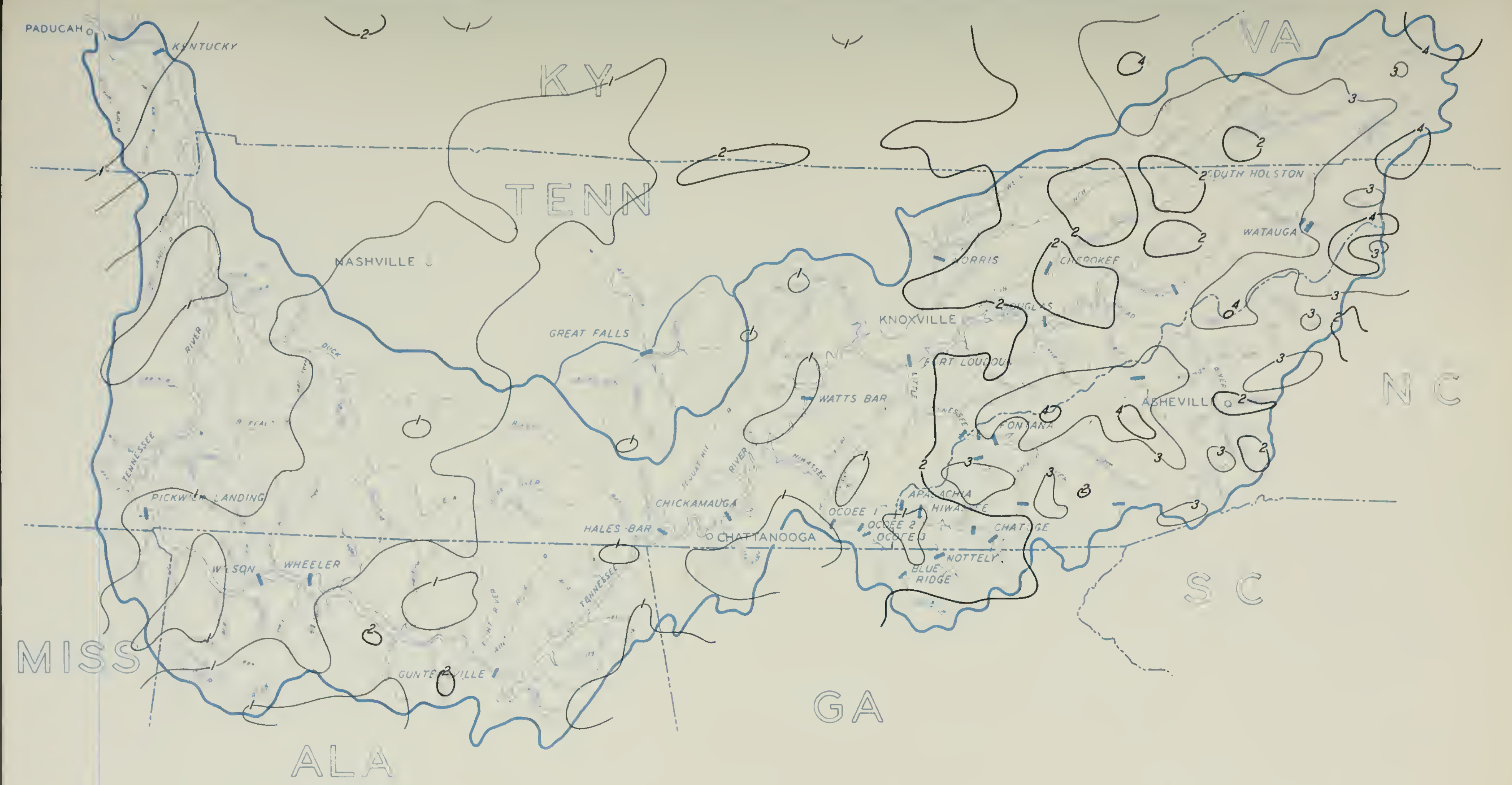
SYMBOLS:

- —6— Rainfall in Inches
- —·—·— State Lines
- ▬ Dams
- ⬚ Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION—OCTOBER 1949

SCALE 10 0 10 20 30 40 50 MILES



SYMBOLS:

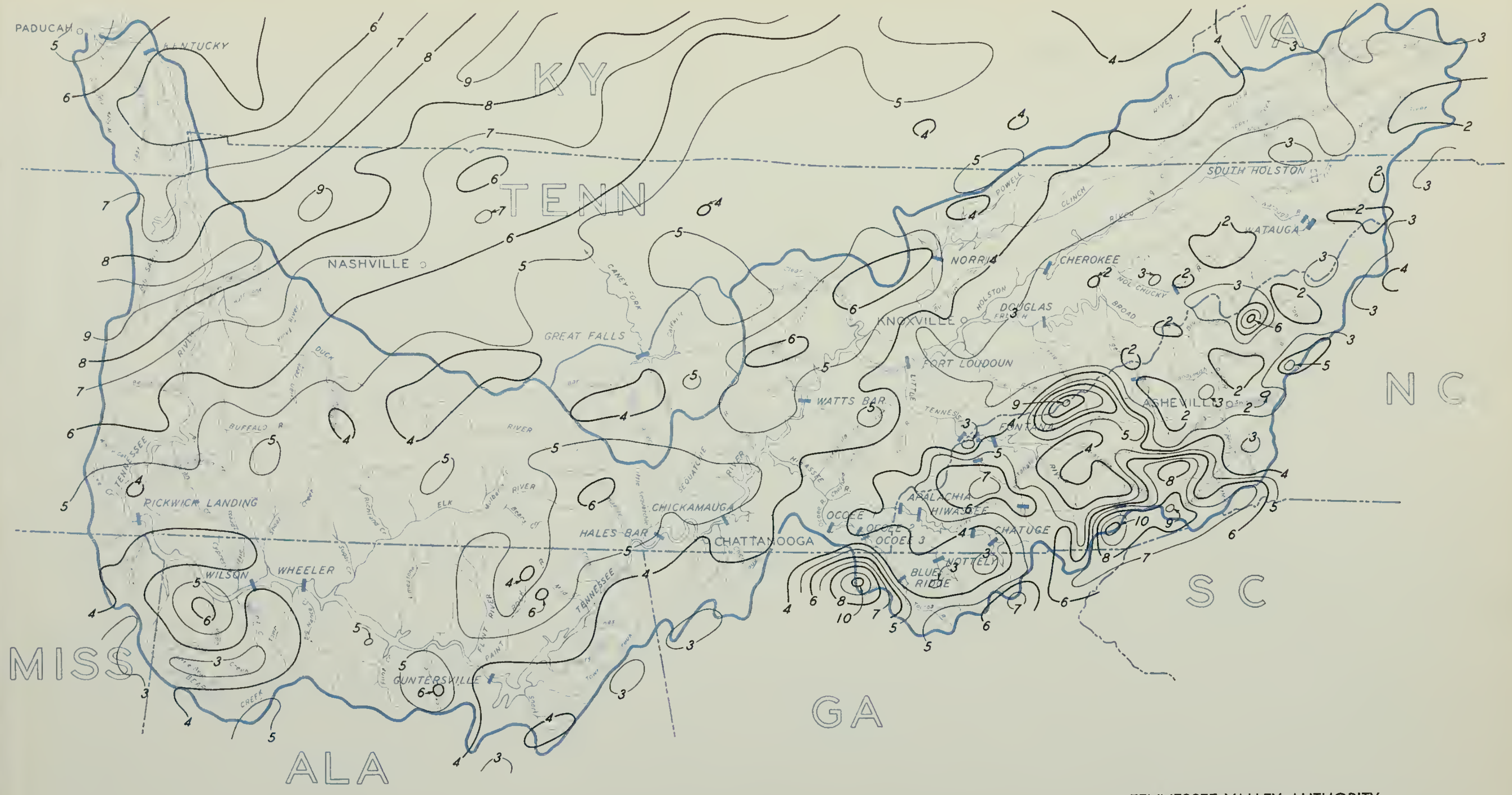
—2—	Rainfall in Inches
—·—·—	State Lines
▬	Dams
	Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN

PRECIPITATION—NOVEMBER, 1949

SCALE 10 0 10 20 30 40 50 MILES



TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN

PRECIPITATION—DECEMBER 1949

SCALE 10 0 10 20 30 40 50 MILES

SYMBOLS:

—4—	Rainfall in Inches
—·—·—	State Lines
▬	Dams
⊏⊐	Dams Under Construction

551.57
T25p1
1950

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

RECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1950

PRECIPITATION IN TENNESSEE RIVER BASIN
ANNUAL 1950

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TENNESSEE VALLEY AUTHORITY
C. E. BLEE, Chief Engineer
DIVISION OF WATER CONTROL PLANNING
JAMES S. BOWMAN, Chief Water Control Planning Engineer
HYDRAULIC DATA BRANCH
ALBERT S. FRY, Chief of Branch

PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1950

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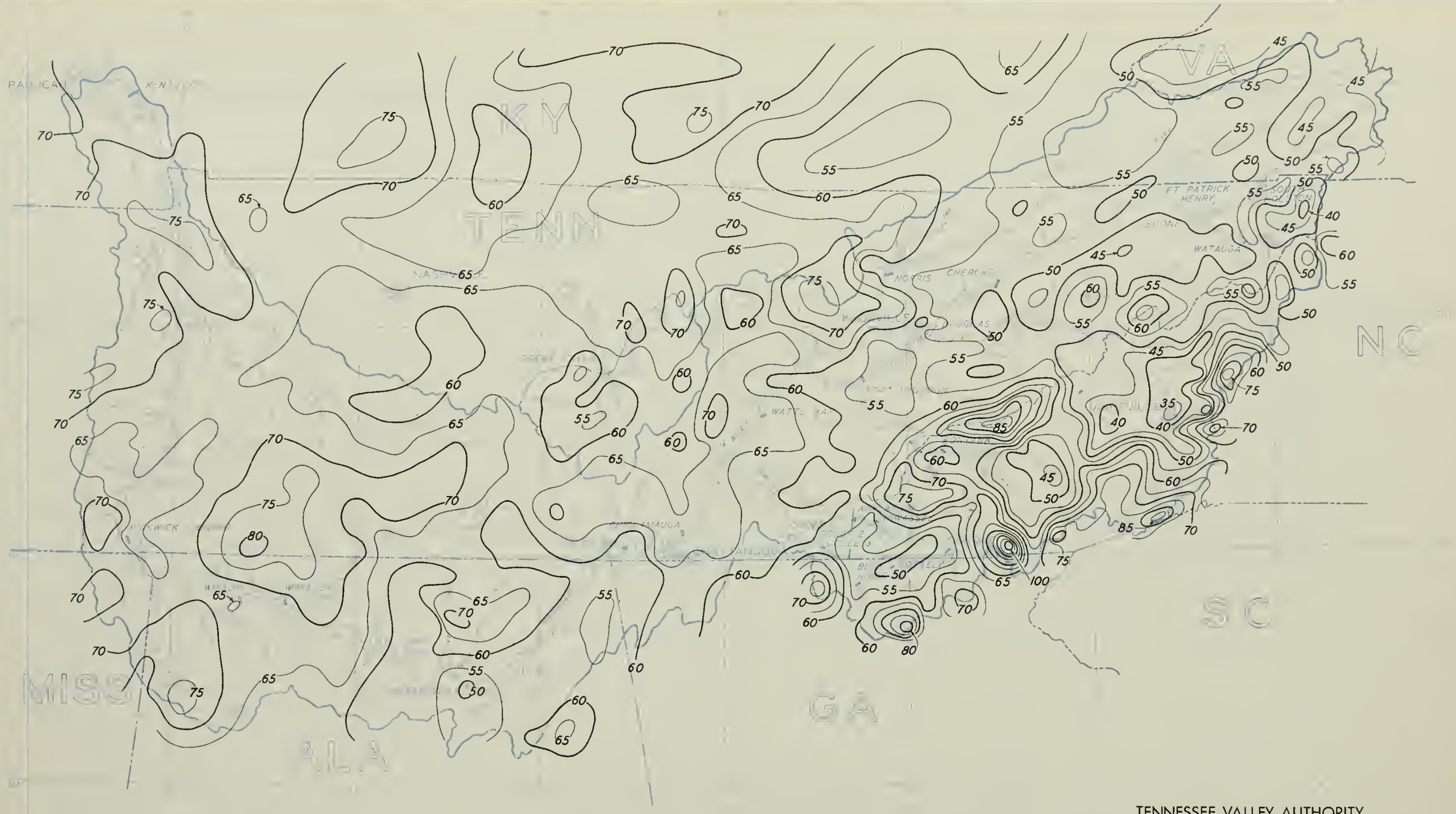


TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION—YEAR 1950

SCALE 0 10 20 30 40 50 MILES

SYMBOLS:

- —50— Rainfall in Inches
- —·—·— State Lines
- ▬ Dams
- ⬚ Dams Under Construction

551.57
T25p1
1950

PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1950

The year 1950 was the wettest since 1932 in the Tennessee Valley and the third wettest in 61 years of record. The Valley-wide average precipitation of 61.23 inches was 9.85 inches more than the 60-year mean of 51.38 inches. In the area above Hales Bar, the 1950 average of 56.74 inches exceeded the long-term mean of 50.92 inches by 5.82 inches. The 1950 precipitation set a new record in the area below Hales Bar, exceeding by one-half inch any calendar year in the 61 years of available record. The average for the year in this area was 66.35 inches, 14.46 inches more than the mean of 51.89 inches. Monthly precipitation over the entire Basin was above the long-term mean in nine months, with only April, October, and December being subnormal. January with an average of 10.39 inches was the wettest month and October with 1.77 inches was the driest.

The water year October 1, 1949, through September 30, 1950, was one of the wettest of record in the Tennessee Valley. In the area below Chattanooga this 12-month period, with a total precipitation of 69.29 inches, was exceeded only by the water year 1919-1920 when the total rainfall was 71.22 inches. In the area above Chattanooga the 1949-1950 water year, with 60.32 inches of precipitation, was the fourth wettest in 61 years of record. The record water year in this area, 1948-1949, had a 12-month total of 63.51 inches. For the whole Tennessee Valley, the 1949-1950 water year, with a total rainfall of 64.52 inches, was exceeded only by the water years 1919-1920 and 1948-1949. The rainfall in these two water years was 65.88 inches and 65.23 inches, respectively.

The maximum reported precipitation for the year was 103.82 inches at Coweeta No. 8, North Carolina, located in the Coweeta Hydrologic Laboratory watershed in the Little Tennessee River headwaters. In the past three years this station has averaged 115.2 inches, and the average for 15 years of record through 1950 is 93.2 inches. Of the 65 other daily rain gages in the 5400-acre Coweeta watershed, 6 stations besides No. 8 had annual totals in 1950 of over 100 inches, 15 stations reported 90 to 100 inches, 42 stations recorded 70 to 90 inches and only 2 stations had less than 70 inches. The average for the 66 stations in 1950 was 84.4 inches.

The maximum annual precipitation elsewhere in the Tennessee Valley was 89.24 inches at Clingmans Dome, North Carolina. Three other stations along the Blue Ridge and one station in the western half of the Valley reported more than 80 inches for the year. Annual totals of 70 to 80 inches occurred at 73 stations, of which 41 were located west of Hales Bar.

Ten stations, nine of which were located in the French Broad River area, recorded less than 40 inches of precipitation for the year. The minimum was 33.96 inches at the U. S. Weather Bureau station in Asheville, North Carolina. All nine of the low rainfall stations in the French Broad River area were within 25 miles of Asheville.

The greatest monthly rainfall during 1950 occurred in January. Three severe storms that were heaviest in the western half of the Valley contributed to January totals that exceeded 15 inches at 61 reporting stations. The maximum was 20.95 inches at Petersburg, Tennessee, in the Elk River watershed. The minimum monthly precipitation occurred in October when Lynnville, Tennessee, also in the Elk River watershed, reported only a trace of rain for the month. The greatest precipitation recorded in 24 hours was 9.20 inches at Mount Mitchell, North Carolina, on August 31-September 1.

Among the watershed subdivisions, the maximum for 1950 was 75.4 inches over the Shoal Creek area above Iron City, Tennessee. Annual precipitation in the watershed ranged from 71 inches to 82 inches. During the water year ending with September 1950 the Shoal Creek drainage area received 76.6 inches of precipitation, nearly twice the water year runoff of 38.6 inches. Six other watershed subdivisions received precipitation during 1950 of over 70 inches and on 21 subdivisions in the Valley the precipitation in 1950 was the greatest in the 14 years of available record. The minimum subdivision average precipitation was 44.35 inches over the French Broad River area between Bent Creek and Asheville, North Carolina. Five other areas averaging less than 50 inches of rainfall for the year were located in the Holston and French Broad River watersheds.

The accompanying isohyetal map shows the rainfall distribution for the year. The pattern in the North Carolina mountain area was very similar to that of previous years with heavy rain along the southeastern divide and the Great Smoky Mountains and relatively low rainfall in the shielded valleys beyond. The steepest gradient occurred in the upper Little Tennessee River area between Otto and Coweeta No. 8, North Carolina, where the difference in annual rainfall was 48.5 inches in a distance of 8 miles. A difference of 43.3 inches in 10 miles occurred between Mount Mitchell and Barnardsville, North Carolina.

Snowfall was reported in January, February, March, November, and December, but the only important depths were those of the last two months of the year. The snowfall during the period November 23 to 29 set a new record over most of the Tennessee Valley. The mean depth in this month was 5 inches, with 39 stations reporting 10 to 30 inches. For the year 1950, approximately one half of the stations reported total snowfall of 5 inches or less, 31 percent had 5 to 10 inches, 12 percent had 10 to 20 inches, and 19 stations or 6 percent reported amounts ranging from 20 to 66.5 inches. The maximum depth was recorded at Whitetop Mountain, Virginia. Next highest was Mount Mitchell with 48.4 inches. Jewell Ridge, Virginia, Smoky Gap and Parker, North Carolina, and Trade, Tennessee, all reported 32 to 37 inches. The average snowfall in the Tennessee Valley west of Chattanooga, based on records at 135 stations, was 3.7 inches. East of Chattanooga the average for 180 stations was 10.0 inches. Fifteen stations in the Caney Fork area above Great Falls Dam reported an average of 5.4 inches. The mean for the 330 stations that reported snowfall over the whole Valley was 7.2 inches.

Wind Velocities on Whitetop Mountain, Virginia

Late in August 1949, observations of wind velocities and wind directions were initiated on Whitetop Mountain on the northeast boundary of the Tennessee Valley. The station was made possible by the three-part cooperation of the Tennessee Valley Authority, the U. S. Weather Bureau, and Bristol, Tennessee-Virginia, radio station WOPI. Station WOPI, which was interested in broadcasting wind velocities on the mountain, offered the use of its 187-foot high radio tower as a location for the wind equipment and made its personnel available as observers. The Weather Bureau, interested in measuring wind velocities for basic data reasons, furnished the instruments for the installation. The TVA's interest was in the collection of positive data on wind velocities on a high mountain in the Tennessee Valley for use in studies of the possibilities of development of wind power at mountain sites.

Whitetop Mountain is a majestic Virginia peak located, as shown on page 5, on the Tennessee Valley Divide just northeast of the junction of the state lines of Tennessee and North Carolina. It reaches an elevation of 5520 feet, only 200 feet lower than Virginia's highest peak, Mount Rogers, located four miles to the northeast. Its crest is covered with a virgin stand of black spruce, but part of the top is a natural bald. The slopes are heavily wooded.

The radio tower is situated 75 feet south of the trees at ground elevation 5465 feet. The anemometer and wind vane are clamped to the tower 150 feet above the ground, or at elevation 5615 feet. This elevation is 42 feet higher than the tops of the trees so that the instrument is fully exposed to winds from all directions.

During the 16-month period from September 1949 through December 1950, records were substantially complete for all but 3 months. Ice accumulations on the anemometer on March 1, 1950, and subsequent damage to the instrument caused a loss of record from March 1 until the middle of April. Severe icing conditions late in November 1950, followed by very high winds on December 7 that blew the anemometer cups away, caused a loss of record throughout December.

The mean wind velocity for the 13 months of usable record was 19 miles per hour. Mean half-quadrant velocities for the period ranged from 9 miles per hour from the northeast to 21 miles per hour from the southeast. Winds with a westerly component occurred most frequently and winds from the north and east were least frequent.

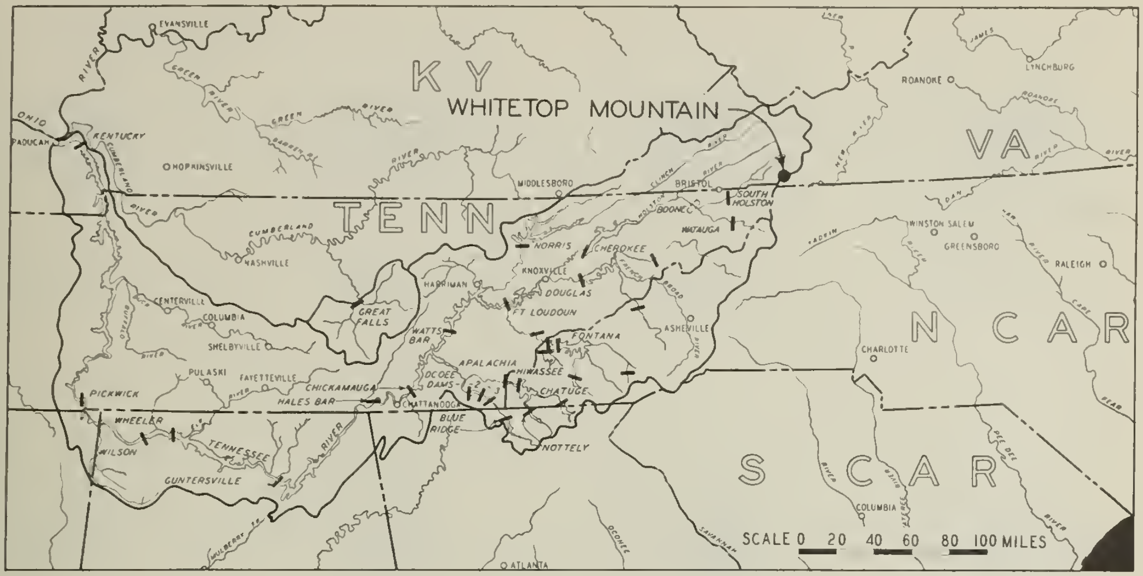
The monthly mean velocities ranged from 15 miles per hour in May, July, and August 1950 to 23 miles per hour in January 1950. Mean wind velocities for the months of November to February averaged 22 miles per hour as compared to an average of 17 miles per hour for the remainder of the year. The accompanying chart on page 5 shows mean duration curves for the two periods November-February and March-October and the period of record and also duration curves for the monthly extremes of January 1950 and May 1950. The wind roses on page 6 show mean wind velocities from the 8 cardinal points for each month of record together with the percentage of time that the wind blew from each direction. Mean velocities and prevailing directions for the period of record are given in the following table.

Month	Mean Velocity miles per hour	Prevailing Direction
September 1949	17	Northwest
October	16	Southeast
November	22	West
December	22	South
January 1950	23	Southwest
February	22	Southwest
May	15	Northwest
June	18	West
July	15	West
August	15	Southeast
September	18	Northwest
October	19	Southeast
November	19	West

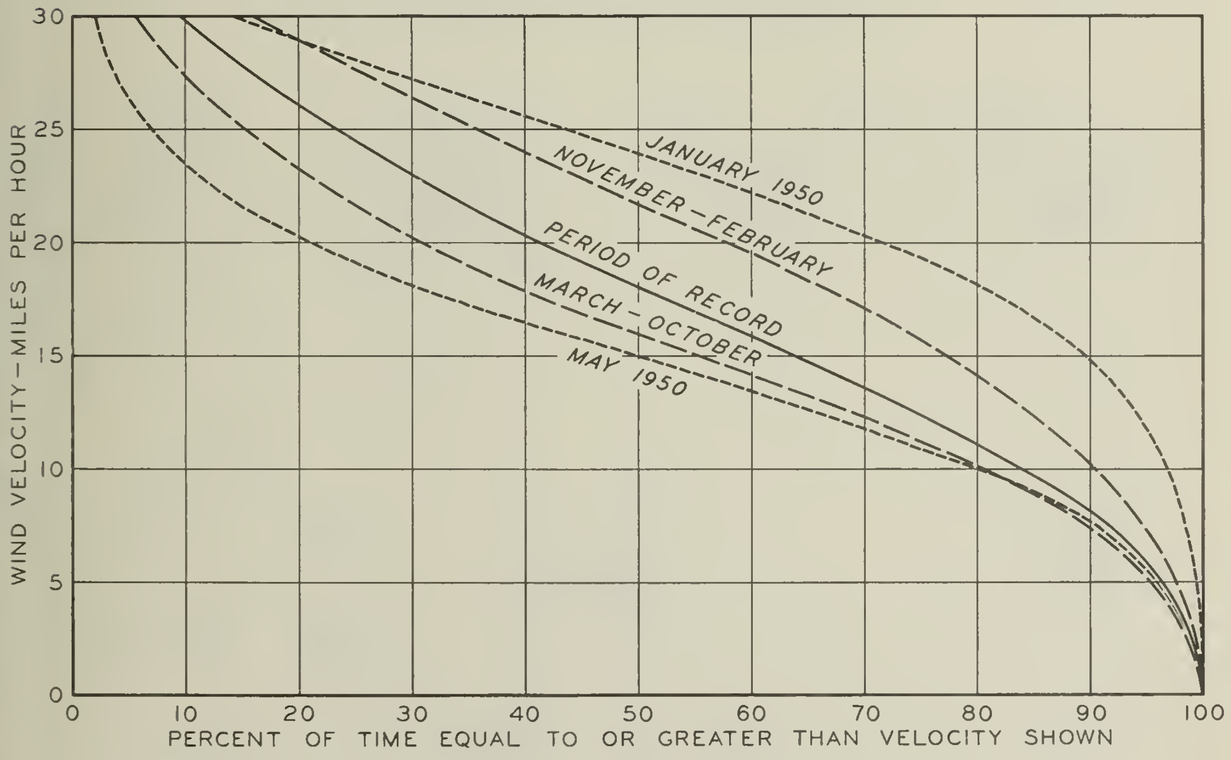
The highest velocities recorded at the station in 1950 occurred on September 7 when a 5-minute peak of 72 miles per hour was registered. A maximum hourly velocity of 70 miles per hour was registered on this date, and the mean velocity of 57 miles per hour from noon of September 7 to noon of September 8 was the highest 24-hour velocity recorded during the year. The wind direction throughout September 7 and 8 was from the east. At the time these high winds occurred, a hurricane that had crossed the west coast of Florida on September 4-5 had progressed to east central Alabama, about 350 miles southwest of Whitetop Mountain. In the table below are listed the maximum velocities for the 5-minute, 1-hour, and 24-hour time intervals for the period of record.

	Maximum Velocities - Miles per Hour					
	5 Minutes		1 Hour		24 Hours	
Month	Velocity	Direction	Velocity	Direction	Velocity	Direction
September 1949	48	N	35	SE	29	NW
October	52	SE	47	SE	40	SE
November	52	SE	44	SE	35	W
December	60	SE	56	SE	45	SE
January 1950	50	SW	45	SW	37	SW
February	64	SE	58	SE	42	S
May	43	S	40	S	24	SE
June	40	W	36	W	26	SW
July	40	W	35	W	24	W
August	48	SE	45	SE	37	SE
September	72	E	70	E	57	E
October	68	SE	65	SE	51	SE
November	58	SW	49	SW	36	SW

A five-minute velocity of 72 miles per hour from the southeast was also recorded on August 28, 1949, during the passage of a decadent tropical hurricane just east of the station. Gusts up to 84 miles per hour were reported by the observer. The maximum 1-hour velocity during this storm was 55 miles per hour and the 24-hour maximum was 37 miles per hour.



LOCATION MAP

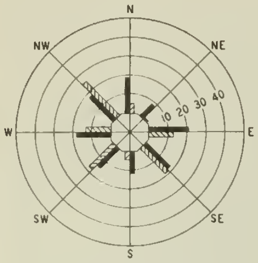


TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

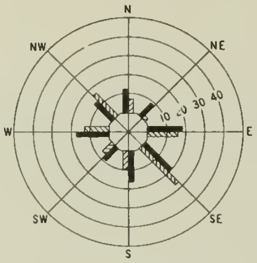
WHITETOP MOUNTAIN, VIRGINIA

DURATION CURVES
OF WIND VELOCITIES
1949 – 1950

1949



SEPTEMBER



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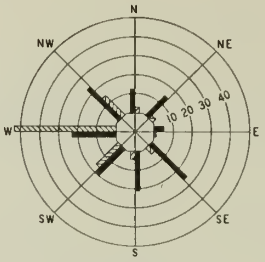

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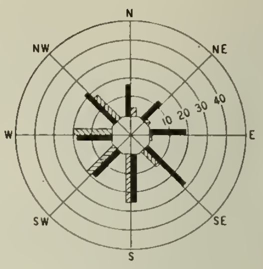

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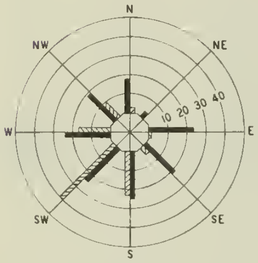
1950



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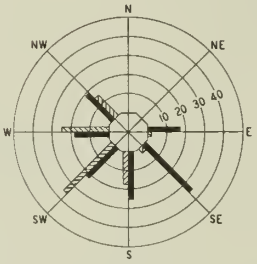

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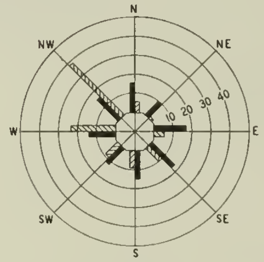

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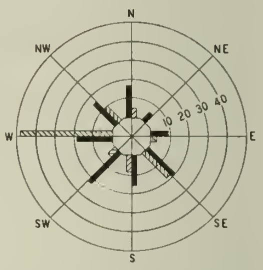

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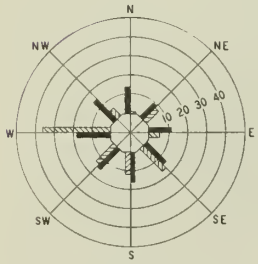

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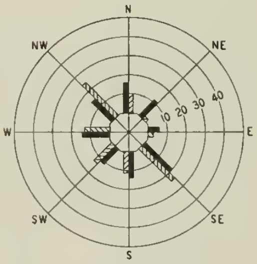

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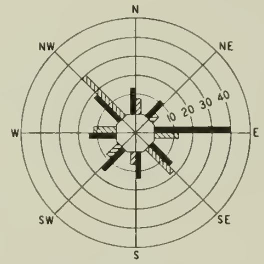

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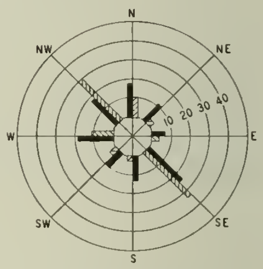

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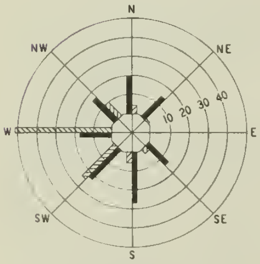

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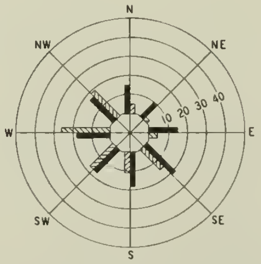
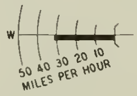
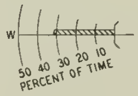


MEAN FOR 13 MONTHS

SYMBOLS:



Half-quadrant mean wind velocity in miles per hour



Percent of time from direction shown

NOTE:
Data are based on records collected cooperatively by Tennessee Valley Authority, U.S. Weather Bureau, and Bristol, Tenn.–Va., radio station WOPI.
Months with record less than 50 percent complete were omitted

WHITETOP MOUNTAIN, VIRGINIA

MONTHLY WIND VELOCITIES AND DIRECTIONS

1949—1950

Evaporation in Tennessee River Basin

During the 16-year period 1935 through 1950 the Hydraulic Data Branch of the Tennessee Valley Authority has observed daily evaporation at several land pan stations in the Tennessee River Basin. Two stations that have been operated continuously since 1935 are located in the Appalachian Mountain area, one at Murphy, North Carolina, and one at Beetree Dam a few miles east of Asheville, North Carolina. Twenty miles west of Murphy a station that was established by the U. S. Forest Service in December 1934 has been observed by the TVA since July 1940. A station that was observed for 7 years at a location near Norris, Tennessee, was moved late in 1941 to Jefferson City, Tennessee. Both sites are in the Great Valley area about 35 miles apart. A station was initially observed at a site near Pickwick Landing Dam, Tennessee. Early in 1939 it was moved to Savannah, Tennessee, 12 miles north. In August 1943 it was shifted 95 miles north to Murray, Kentucky, and in 1947 it was moved 21 miles south to Paris, Tennessee. The location data and period of record for each of these stations are tabulated below and their position in the Valley is shown on the accompanying map on page 9.

TVA EVAPORATION STATION LOCATION DATA

Station	Latitude & Longitude	Elevation	Period of Record
Murray, Ky.(a)	36° 36' 42" 88° 19' 25"	550	Aug. 9, 1943-June 18, 1947
Paris, Tenn.	36° 18' 21" 88° 18' 01"	455	June 19, 1947-
Pickwick Landing, Tenn.(b)	35° 03' 10" 88° 14' 45"	400	Mar. 29, 1935-Jan. 7, 1939
Savannah, Tenn.	35° 13' 40" 88° 14' 44"	430	Jan. 8, 1939-Aug. 8, 1943
Norris, Tenn.	36° 12' 07" 84° 05' 17"	1020	Oct. 23, 1934-Nov. 28, 1941
Jefferson City, Tenn.	36° 07' 22" 83° 29' 37"	1200	Nov. 29, 1941-
Isabella, Tenn.	35° 02' 25" 84° 21' 30"	1780	July 23, 1940-
Murphy, N. C.	35° 05' 26" 84° 02' 14"	1575	Nov. 17, 1934-
Beetree Dam, N. C.	35° 38' 29" 82° 23' 55"	2540	Mar. 31, 1935-

(a) Data at Murray and Paris, 21 miles apart, are considered as a single record.

(b) Data at Pickwick Landing and Savannah, 12 miles apart, are considered as a single record.

All of the stations are equipped with the basic equipment recommended by the U. S. Weather Bureau for Class A evaporation stations. This equipment includes a 48-inch circular metal pan, 10 inches deep, resting on a wooden support; maximum and minimum air thermometers located in a standard cotton-region shelter; a still well and hook gage; an anemometer mounted just above the pan, and a standard daily rain gage. In addition to this equipment the TVA station instrumentation also includes maximum and minimum water thermometers, a hygro-thermograph located in the instrument shelter, and a recording rain and snow gage situated outside the station enclosure.

Observations are made once daily between 7 and 8 a.m. during the months of April through October and between 4 and 5 p.m. during the period November through March. The afternoon observation time during the winter was set to permit natural melting of ice that covers the pan on cold winter mornings.

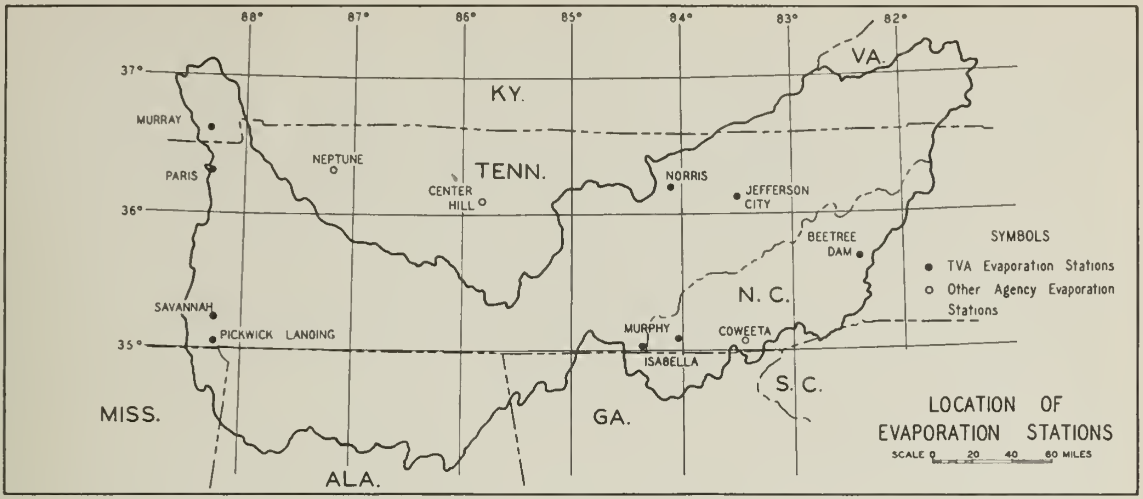
The accompanying summaries of data for each of the seven stations, pages 12 to 18, show the monthly and annual evaporation for each year of record and the mean values of the evaporation and the factors affecting it. The monthly mean values are shown also in the chart on page 9. The following table summarizes the annual totals or means of the data observed:

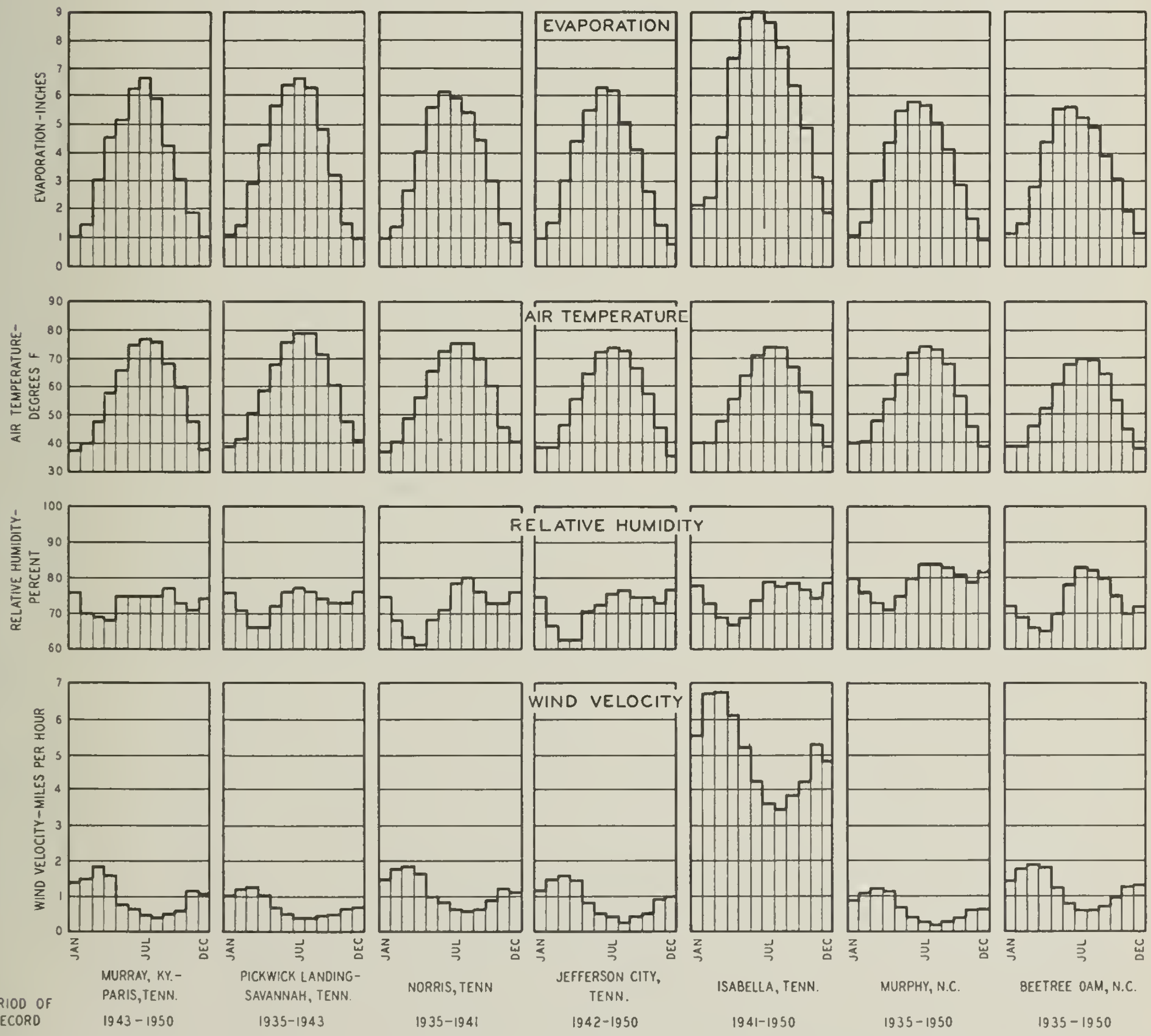
ANNUAL EVAPORATION AND RELATED FACTORS

Station	Evaporation inches	Mean Temperature Air degrees	Mean Temperature Water degrees	Relative Humidity percent	Wind Velocity miles per hour
Murray-Paris	44.94	58	62	73	1.0
Pickwick-Savannah	45.69	60	65	73	0.7
Norris	42.34	58	61	72	1.2
Jefferson City	42.36	56	62	72	0.9
Isabella	67.11	56	59	75	5.0
Murphy	41.26	56	63	79	0.7
Beetree Dam	41.00	54	59	73	1.2

It will be noted that, except for the Isabella station, the variation in mean annual evaporation from one end of the Valley to the other is only about 10 percent. The highest evaporation, 45 to 46 inches, occurs in the western part of the Valley and the lowest, approximately 41 inches, in the North Carolina mountains. Evaporation in the east central portion, as measured at the Norris and Jefferson City stations, is between these two limits.

The high evaporation at Isabella is an indication of the wide variation from the 41 to 45-inch normal that may occur in local areas. The Isabella station, located about 20 miles west of Murphy, North Carolina,





TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

MEAN MONTHLY
EVAPORATION
AND RELATED FACTORS

is situated on a hill near the center of the completely denuded area known as the Copper Basin. There is no vegetation other than patches of grass for two or more miles around the station. The annual evaporation here has averaged during the 10 years of TVA observation approximately 67 inches, or more than one and one-half times as much as at Murphy. As shown by the table on page 8 and the chart on page 9, the mean air temperature at the two locations is practically identical. The relative humidity at Isabella averages only 4 percentage points lower than at Murphy. The principal difference in factors affecting evaporation is found in the wind velocity which averages seven times as much at Isabella as at Murphy.

Two other agencies in the Tennessee Valley region maintain evaporation stations. The Coweeta Hydrologic Laboratory has observed evaporation in the Coweeta watershed since 1935. The U. S. Army Engineers have maintained a Class A station at Neptune, Tennessee, 60 miles east of Paris, since October 1936. The same agency has operated a Class A station at Center Hill Dam, about 100 miles west of Norris Dam, since October 1946. Locations of these stations are also shown on the accompanying map.

MURRAY, KENTUCKY-PARIS, TENNESSEE, EVAPORATION STATION
SUMMARY OF DATA, 1943-1950

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
						Evaporation - Inches							
1943									3.84	3.17	1.77	0.94	-
1944	0.91	1.49	2.76	4.57	5.90	6.71	7.44	6.74	3.83	3.00	1.71	0.67	45.73
1945	0.68	1.05	3.09	3.88	4.26	5.49	6.74	5.90	4.21	2.37	1.79	0.95	40.41
1946	0.92	1.70	2.95	4.52	3.78	6.47	6.18	5.30	4.20	3.22	2.27	1.22	42.73
1947	0.94	1.34	2.14	4.56	5.59	5.83	7.12	7.24	5.49	3.72	1.63	1.21	46.81
1948	1.01	1.51	3.46	5.62	6.09	7.25	7.32	6.47	4.66	3.30	2.11	1.35	50.15
1949	1.65	1.58	3.50	4.22	5.73	5.89	6.25	5.70	4.64	2.61	2.46	1.51	45.74
1950	1.65	1.82	3.72	4.85	4.97	6.63	5.76	4.57	3.55	3.24	2.09	0.87	43.72
Mean	1.11	1.50	3.09	4.60	5.19	6.32	6.69	5.99	4.30	3.08	1.98	1.09	44.94
Percent of Annual Mean	2.5	3.3	6.9	10.2	11.6	14.1	14.9	13.3	9.6	6.8	4.4	2.4	100.0
						Air Temperature-Degrees F							
Mean, 1943-50	38	40	48	58	66	75	77	76	68	60	48	38	58
						Water Temperature-Degrees F							
Mean, 1943-50	40	44	54	62	72	81	83	82	73	63	50	41	62
						Relative Humidity-Percent							
Mean, 1943-50	76	70	69	68	75	75	75	75	77	73	71	74	73
						Wind Velocity-Miles per Hour							
Mean, 1943-50	1.40	1.47	1.85	1.59	0.76	0.66	0.48	0.40	0.51	0.58	1.17	1.12	1.00

PICKWICK LANDING-SAVANNAH, TENNESSEE, EVAPORATION STATION
SUMMARY OF DATA, 1935-1943

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
					Evaporation - Inches								
1935				3.95	5.48	5.91	7.39	6.64	4.77	3.60	1.67	0.69	-
1936	1.14	1.34	3.30	4.21	6.73	8.08	7.33	6.76	4.88	2.47	1.20	0.63	48.07
1937	1.17	1.64	2.69	4.62	5.64	6.52	6.84	7.01	3.93	2.32	1.45	1.02	44.85
1938	1.15	1.55	3.05	4.14	5.34	5.58	5.68	5.87	4.43	3.41	1.81	1.11	43.12
1939	1.38	1.74	3.32	4.54	4.79	5.22	6.28	5.79	5.48	3.69	1.39	1.17	44.79
1940	0.70	0.99	2.73	4.26	5.70	5.94	5.48	6.13	5.03	3.36	1.60	1.02	42.94
1941	1.13	1.48	2.60	4.56	6.43	6.65	6.38	6.25	5.88	3.63	1.24	1.10	47.33
1942	1.56	1.25	3.20	4.49	5.66	6.51	7.00	6.08	4.46	3.32	1.96	1.08	46.57
1943	1.00	1.88	2.76	4.10	5.79	7.46	7.81						
Mean	1.15	1.48	2.96	4.32	5.73	6.43	6.69	6.32	4.86	3.23	1.54	0.98	45.69
Percent of Annual Mean	2.5	3.2	6.5	9.5	12.6	14.1	14.6	13.8	10.6	7.1	3.4	2.1	100.0
					Air Temperature-Degrees F								
Mean, 1935-43	39	42	51	59	68	76	79	79	72	61	48	42	60
					Water Temperature-Degrees F								
Mean, 1935-43	44	47	56	63	75	83	86	85	77	65	51	46	65
					Relative Humidity-Percent								
Mean, 1935-43	76	71	66	66	72	76	77	76	74	73	73	76	73
					Wind Velocity-Miles per Hour								
Mean, 1935-43	1.06	1.21	1.28	1.03	0.67	0.51	0.41	0.41	0.46	0.51	0.65	0.70	0.73

NORRIS, TENNESSEE, EVAPORATION STATION
SUMMARY OF DATA, 1935-1941

						Evaporation - Inches							
Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1935	1.61	1.82	3.11	2.97	5.00	6.00	6.47	5.70	4.37	3.42	1.54	0.75	42.76
1936	0.82	1.18	2.76	4.98	7.46	9.10	6.36	5.80	4.28	2.59	1.62	0.71	47.66
1937	0.90	1.46	2.68	4.05	4.97	6.03	5.95	5.34	4.35	2.25	1.59	0.74	40.31
1938	0.83	1.36	2.98	4.17	5.09	5.06	5.68	5.95	4.20	3.63	1.58	0.89	41.42
1939	1.06	1.44	2.92	4.10	5.28	5.57	6.61	5.01	4.68	3.16	1.45	1.07	42.35
1940	0.90	1.14	2.23	3.98	5.27	6.07	5.38	5.19	4.36	2.49	1.55	0.88	39.44
1941	0.79	1.32	2.33	4.33	6.42	5.57	5.43	5.19	5.27	3.38	1.39	1.03	42.45
Mean	0.99	1.39	2.72	4.08	5.64	6.20	5.98	5.45	4.50	2.99	1.53	0.87	42.34
Percent of Annual Mean	2.4	3.3	6.4	9.6	13.3	14.6	14.1	12.9	10.6	7.1	3.6	2.1	100.0
						Air Temperature-Degrees F							
Mean, 1935-41	38	41	49	57	66	73	76	76	70	60	46	41	58
						Water Temperature-Degrees F							
Mean, 1935-41	41	42	50	59	71	79	82	82	75	61	48	42	61
						Relative Humidity-Percent							
Mean, 1935-41	75	68	63	61	68	71	78	80	76	73	73	76	72
						Wind Velocity-Miles per Hour							
Mean, 1935-41	1.50	1.78	1.85	1.66	0.99	0.85	0.65	0.63	0.64	0.89	1.24	1.15	1.18

JEFFERSON CITY, TENNESSEE, EVAPORATION STATION
SUMMARY OF DATA, 1942-1950

					Evaporation - Inches								
Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1942	1.30	0.85	3.24	4.97	5.50	6.56	5.98	4.76	3.96	2.52	1.61	0.79	42.04
1943	1.14	1.96	3.05	4.70	6.01	6.54	5.17	5.99	4.23	2.89	1.96	0.81	44.45
1944	1.22	2.17	3.25	4.14	6.18	8.15	7.39	5.46	3.78	2.43	1.11	0.61	45.89
1945	0.66	1.88	3.49	4.19	5.28	5.39	6.16	5.34	4.38	2.52	1.47	0.81	41.57
1946	0.95	1.64	3.36	4.27	4.83	5.98	6.48	4.92	3.84	2.89	1.35	1.09	41.60
1947	1.18	1.35	2.53	4.51	5.98	6.39	6.21	4.64	4.75	2.69	1.45	0.69	42.37
1948	0.90	1.47	3.26	5.25	6.15	6.98	6.76	5.49	4.84	3.03	1.49	0.65	46.27
1949	0.72	1.28	2.37	3.88	5.22	5.53	6.56	4.65	3.86	2.28	1.35	1.02	38.72
1950	1.26	1.53	2.79	4.15	4.76	5.18	5.16	4.75	3.62	2.68	1.41	0.68	37.97
Mean	1.04	1.57	3.04	4.45	5.55	6.30	6.21	5.11	4.14	2.66	1.47	0.82	42.36
Percent of Annual Mean	2.4	3.7	7.2	10.5	13.1	14.9	14.6	12.1	9.8	6.3	3.5	1.9	100.0
					Air Temperature-Degrees F								
Mean, 1942-50	39	39	47	56	65	73	74	73	67	58	46	36	56
					Water Temperature-Degrees F								
Mean, 1942-50	42	44	54	60	71	80	82	81	74	61	49	40	62
					Relative Humidity-Percent								
Mean, 1942-50	75	67	63	63	71	73	76	77	75	75	73	77	72
					Wind Velocity-Miles per Hour								
Mean, 1942-50	1.20	1.50	1.60	1.50	0.84	0.57	0.45	0.31	0.48	0.56	0.95	1.02	0.92

ISABELLA, TENNESSEE, EVAPORATION STATION
SUMMARY OF DATA, 1940-1950

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
					Evaporation - Inches								
1940								-	-	-	2.73	1.68	-
1941	1.86	2.54	3.57	6.32	11.57	8.18	7.40	7.53	7.65	6.21	2.79	1.96	67.58
1942	2.55	1.42	4.61	9.29	8.11	8.28	7.75	6.67	5.36	4.56	4.08	2.18	64.86
1943	2.22	2.40	4.06	7.17	8.01	9.38	8.29	8.34	6.37	4.50	3.22	1.61	65.57
1944	1.81	2.65	3.98	6.85	7.88	10.97	10.04	7.64	6.62	5.11	3.04	-	-
1945	2.06	2.29	5.46	7.76	8.84	9.63	9.39	8.65	7.60	5.33	4.02	2.58	73.61
1946	2.73	-	6.04	7.14	7.70	8.55	8.54	9.45	5.51	4.95	3.14	2.26	-
1947	2.15	-	-	6.50	9.26	9.28	9.50	8.11	7.46	4.78	2.82	1.87	-
1948	2.12	2.62	5.06	8.55	10.31	10.58	9.68	7.10	5.79	4.41	2.72	0.89	69.83
1949	2.04	2.73	4.16	7.03	8.19	7.58	7.80	6.96	5.95	4.11	3.42	2.17	62.14
1950	2.10	2.90	4.65	7.02	7.78	8.21	8.03	6.88	5.38	4.74	2.92	2.08	62.69
Mean	2.16	2.44	4.62	7.36	8.76	9.06	8.64	7.73	6.37	4.87	3.17	1.93	67.11
Percent of Annual Mean	3.2	3.6	6.9	11.0	13.1	13.5	12.8	11.5	9.5	7.3	4.7	2.9	100.0
					Air Temperature-Degrees F								
Mean, 1941-50	40	40	48	56	64	71	72	72	67	58	47	39	56
					Water Temperature-Degrees F								
Mean, 1941-50	44	45	50	58	66	74	77	75	69	60	50	45	59
					Relative Humidity-Percent								
Mean, 1941-50	78	73	69	67	69	74	79	78	79	77	75	79	75
					Wind Velocity-Miles per Hour								
Mean, 1941-50	5.58	6.75	6.79	6.15	5.26	4.25	3.63	3.48	3.87	4.27	5.32	4.85	5.02

Data in this table are preliminary.

MURPHY, NORTH CAROLINA, EVAPORATION STATION
SUMMARY OF DATA, 1935-1950

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
					Evaporation - Inches								
1935	1.18	1.53	3.12	3.62	5.25	5.72	6.12	5.33	4.87	3.54	1.75	0.87	42.90
1936	0.99	1.17	3.07	4.70	6.80	7.29	6.22	5.47	4.09	2.56	1.52	1.02	44.90
1937	1.30	1.37	2.96	4.25	5.54	5.94	5.97	5.01	4.39	2.37	1.41	0.66	41.17
1938	1.02	1.62	2.85	3.99	5.03	4.99	4.77	5.38	3.70	3.08	2.09	1.02	39.54
1939	1.21	1.83	3.36	4.48	4.73	5.60	5.82	4.74	4.53	3.18	1.48	1.16	42.12
1940	0.70	1.34	2.67	4.10	5.58	5.50	5.50	5.35	4.55	2.87	1.36	0.87	40.39
1941	1.03	1.47	2.62	4.20	6.97	5.11	5.26	4.97	4.95	3.68	1.61	1.20	43.07
1942	1.10	1.39	3.26	4.82	5.22	6.17	5.55	4.77	3.60	2.76	1.77	1.04	41.45
1943	1.13	1.58	2.62	4.29	6.03	6.32	5.62	5.19	4.16	2.68	1.70	1.13	42.45
1944	0.96	1.84	3.24	4.40	5.68	7.17	6.29	4.59	3.70	3.08	1.58	0.70	43.23
1945	1.14	1.37	3.57	4.91	5.05	5.70	6.30	5.39	4.40	2.75	1.75	0.64	42.97
1946	0.88	1.57	3.25	4.00	4.65	5.56	5.05	5.10	3.57	2.50	1.54	0.75	38.42
1947	0.94	1.45	2.14	4.33	5.20	5.22	5.91	4.99	3.94	2.85	1.47	0.74	39.18
1948	0.53	1.30	3.27	4.88	5.88	5.69	5.94	4.76	3.43	2.67	1.95	0.89	41.19
1949	1.32	1.66	2.47	4.00	5.01	4.91	5.55	4.81	3.81	2.50	1.40	1.24	38.68
1950	0.99	1.86	3.01	4.49	4.68	5.48	4.69	4.52	3.36	2.68	1.83	0.97	38.56
Mean	1.03	1.52	2.97	4.34	5.46	5.77	5.66	5.02	4.07	2.85	1.64	0.93	41.26
Percent of Annual Mean	2.5	3.7	7.2	10.5	13.2	14.0	13.7	12.2	9.9	6.9	4.0	2.2	100.0
					Air Temperature-Degrees F								
Mean, 1935-50	40	41	48	56	64	72	74	73	68	57	46	39	56
					Water Temperature-Degrees F								
Mean, 1935-50	45	47	54	61	71	80	82	82	75	62	50	43	63
					Relative Humidity-Percent								
Mean, 1935-50	80	76	73	71	75	80	84	84	83	81	79	82	79
					Wind Velocity-Miles per Hour								
Mean, 1935-50	0.91	1.12	1.24	1.17	0.71	0.43	0.29	0.24	0.31	0.44	0.65	0.68	0.68

BEETREE, NORTH CAROLINA, EVAPORATION STATION
SUMMARY OF DATA, 1935-1950

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
					Evaporation - Inches								
1935				3.51	5.04	5.94	4.94	5.47	4.04	3.62	1.91	1.20	-
1936	0.93	1.14	2.52	4.31	6.66	6.66	5.36	5.60	3.87	2.50	1.84	0.89	42.28
1937	0.99	1.31	2.76	4.10	5.82	5.90	5.54	4.68	3.52	2.20	2.00	1.31	40.13
1938	0.81	1.38	2.61	3.68	5.18	5.03	4.57	5.12	3.84	3.72	2.10	1.19	39.23
1939	1.46	1.59	3.29	4.85	4.94	5.51	5.79	5.07	4.40	3.63	1.98	1.59	44.10
1940	0.80	1.39	2.89	4.03	6.05	5.53	5.34	4.25	4.55	3.52	1.90	1.21	41.46
1941	1.35	1.90	2.58	4.25	7.02	5.26	5.21	5.03	4.50	3.63	1.99	1.67	44.39
1942	1.18	1.26	2.91	5.36	5.29	5.48	5.40	5.24	3.57	2.33	1.86	0.77	40.65
1943	0.82	1.62	1.88	3.99	5.15	5.86	4.86	5.66	4.66	3.30	2.37	1.13	41.30
1944	1.30	1.83	3.11	4.11	5.98	6.36	5.80	4.48	3.84	3.51	1.66	0.81	42.79
1945	1.51	1.10	3.00	3.82	5.00	5.78	4.78	4.93	3.81	3.16	2.11	0.73	39.73
1946	1.00	1.74	2.55	4.87	4.07	5.07	4.70	4.62	3.35	3.01	2.15	1.29	38.42
1947	1.15	1.11	2.51	4.62	6.01	5.58	5.83	5.13	3.95	2.40	1.78	1.13	41.20
1948	0.65	1.51	3.18	5.03	5.80	5.22	6.03	4.48	3.82	2.89	2.43	1.12	42.16
1949	1.54	1.83	2.92	4.36	5.01	5.06	5.15	3.98	3.72	2.64	1.74	1.05	39.00
1950	1.29	1.75	2.90	4.54	5.32	4.76	4.57	4.69	2.87	3.05	1.76	0.84	38.34
Mean	1.12	1.50	2.77	4.34	5.52	5.56	5.24	4.90	3.89	3.07	1.97	1.12	41.00
Percent of Annual Mean	2.7	3.6	6.7	10.6	13.5	13.6	12.8	12.0	9.5	7.5	4.8	2.7	100.0
					Air Temperature-Degrees F								
Mean, 1935-50	39	39	46	52	61	68	70	69	64	55	45	38	54
					Water Temperature-Degrees F								
Mean, 1935-50	42	42	50	57	67	75	77	76	71	59	49	41	59
					Relative Humidity-Percent								
Mean, 1935-50	72	69	66	65	70	78	83	82	80	75	70	72	73
					Wind Velocity-Miles per Hour								
Mean, 1935-50	1.45	1.81	1.91	1.86	1.25	0.80	0.63	0.66	0.75	0.96	1.28	1.33	1.22

Special Reports

A total of twelve special investigations of storms and other phenomena in the Tennessee Valley were reported upon in monthly issues of this publication during 1950. A list of these reports, together with the date of the issue in which they were published, follows:

SPECIAL STORM INVESTIGATIONS DURING 1950

Storm	Monthly Bulletin Containing Report
Flood of January 19-20, 1950, on Tellico River	January
Storm of March 12-13, 1950, in Hiwassee River Basin	March
Windstorms of March 27, 1950, in Northeastern Mississippi	March
Windstorms of March 27, 1950, in Middle Tennessee Area	March
Hailstorm of May 4, 1950, in vicinity of Black Mountain, North Carolina	May
Hailstorm of May 4, 1950, in vicinity of Spruce Pine, North Carolina	May
Intense Rainstorm of May 27, 1950, at Coeburn, Virginia	May
Hailstorm of August 21, 1950, near Elizabethton, Tennessee	August
Record November Snow and Low Temperatures	November
Flood of December 7, 1950, in Watauga River Area	December
Flood of December 7, 1950, in Upper French Broad River Area	December
Flood of December 7, 1950, in Upper Tuckasegee River Area	December

TENNESSEE RIVER BASIN PRECIPITATION DURING 1950

Precipitation in Inches

Month	Above Hales Bar 1950	Below Hales Bar 1950	Tennessee River Basin 1950	Tennessee River Basin Mean	Deviation from Mean Monthly	Deviation from Mean Cumulative
January	7.75	13.41	10.39	4.75	+5.64	+5.64
February	5.01	7.02	5.95	4.69	+1.26	+6.90
March	6.21	7.17	6.66	5.53	+1.13	+8.03
April	1.72	2.35	2.01	4.43	-2.42	+5.61
May	6.65	4.82	5.80	4.14	+1.66	+7.27
June	5.22	4.20	4.74	4.29	+0.45	+7.72
July	6.61	7.03	6.81	4.98	+1.83	+9.55
August	4.67	6.72	5.63	4.33	+1.30	+10.85
September	4.25	4.66	4.44	3.15	+1.29	+12.14
October	2.30	1.17	1.77	2.93	-1.16	+10.98
November	2.63	5.02	3.75	3.43	+0.32	+11.30
December	3.72	2.78	3.28	4.73	-1.45	+9.85
Total	56.74	66.35	61.23	51.38		

Mean precipitation figures are for the period 1890-1949.

ANNUAL STREAM FLOW IN INCHES - 1950

Tennessee River at	Water Year 1950	Water Year Mean	Calendar Year 1950	Calendar Year Mean
Knoxville	25.94	19.67	24.38	19.70
Chattanooga	29.91	23.87	28.13	23.88

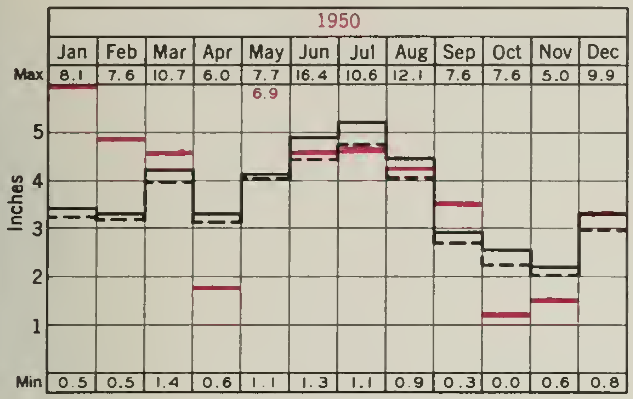
MAXIMUM PRECIPITATION

FOR VARIOUS TIME INTERVALS DURING 1950

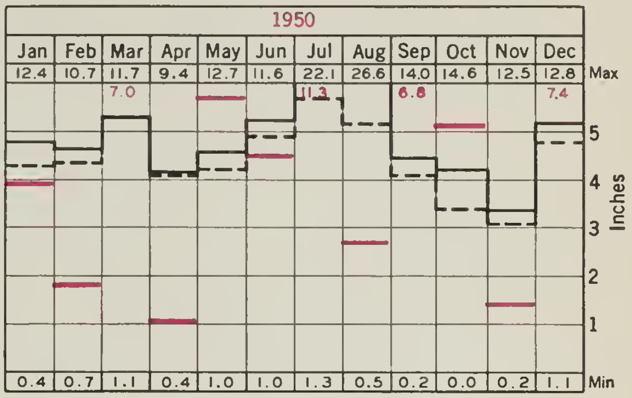
Sta. No.	Station Name	Date of Record	Duration hours	Precipitation inches
241	Newport, Tenn.	July 16	0.4	1.40
9	Springville, Tenn.	August 28	0.7	1.62
623	Spruce Pine, N. C.	May 4	0.8	2.15
327	White Hollow, Tenn. (R)	May 17	1.0	2.60
261	Doggett Gap, N. C.	July 23	2.0	3.35
69	Paint Rock, Ala. (R)	July 25	3	3.53
69	Paint Rock, Ala. (R)	July 25	4	3.93
69	Paint Rock, Ala. (R)	July 25	5	4.16
233a	Mt. Mitchell, N. C. (R)	August 31	6	4.63
233a	Mt. Mitchell, N. C. (R)	August 31	7	5.15
233a	Mt. Mitchell, N. C. (R)	Aug. 31-Sept. 1	8	5.42
233a	Mt. Mitchell, N. C. (R)	Aug. 31-Sept. 1	10	5.50
233a	Mt. Mitchell, N. C. (R)	Aug. 31-Sept. 1	12	6.23
233a	Mt. Mitchell, N. C. (R)	Aug. 31-Sept. 1	14	7.14
233a	Mt. Mitchell, N. C. (R)	Aug. 31-Sept. 1	16	7.92
233a	Mt. Mitchell, N. C. (R)	Aug. 31-Sept. 1	18	8.30
233a	Mt. Mitchell, N. C. (R)	Aug. 31-Sept. 1	20	8.66
233a	Mt. Mitchell, N. C. (R)	Aug. 31-Sept. 1	22	8.96
233a	Mt. Mitchell, N. C. (R)	Aug. 31-Sept. 1	24	9.20
233a	Mt. Mitchell, N. C. (R)	Aug. 31-Sept. 1	32	9.72
233a	Mt. Mitchell, N. C. (R)	Aug. 31-Sept. 1	48	9.92
233a	Mt. Mitchell, N. C. (R)	Aug. 25-31	168	12.02
383	Petersburg, Tenn.	January	744	20.95
383	Petersburg, Tenn.	Jan.-Feb.	1416	28.11
462	Barton, Ala.	Jan.-Mar.	2160	35.82
200c	Coweeta No. 8, N. C.	May-Oct.	4416	57.19
200c	Coweeta No. 8, N. C.	Year 1950	8760	103.82

(R) Recorder.

MONTHLY PRECIPITATION AT SELECTED STATIONS



ELIZABETHTON, TENN.



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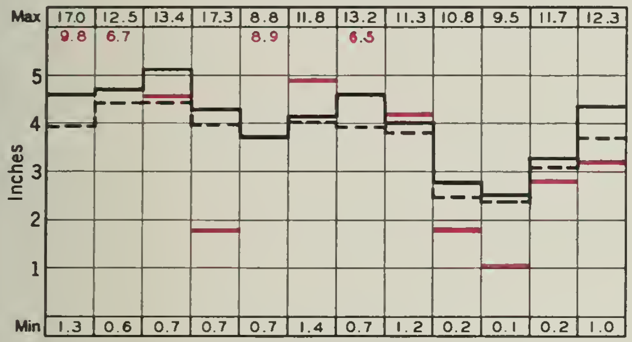
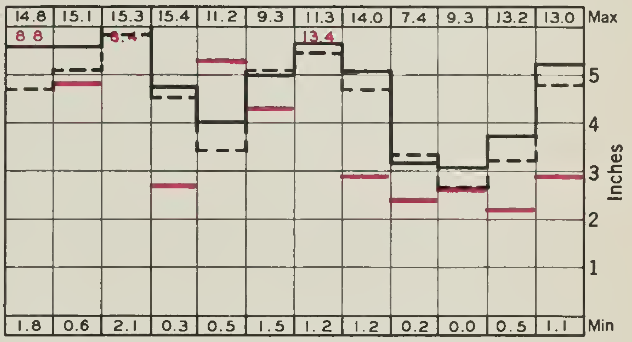
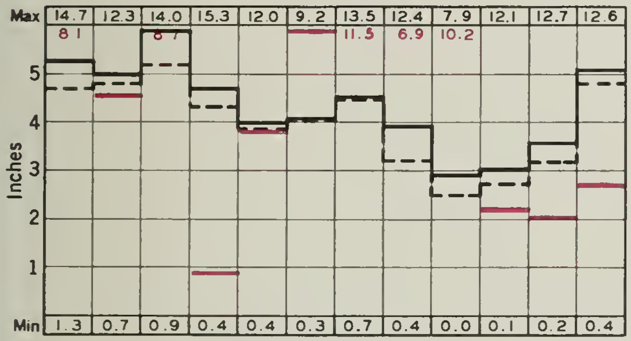


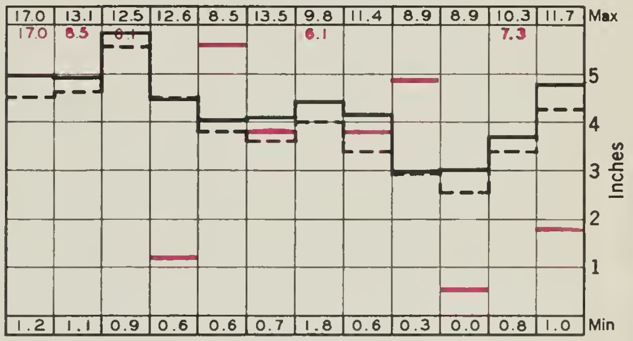
KNOXVILLE, TENN.



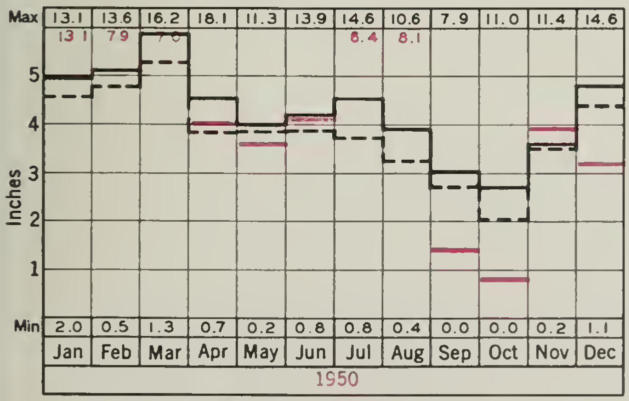
MURPHY, N. C.



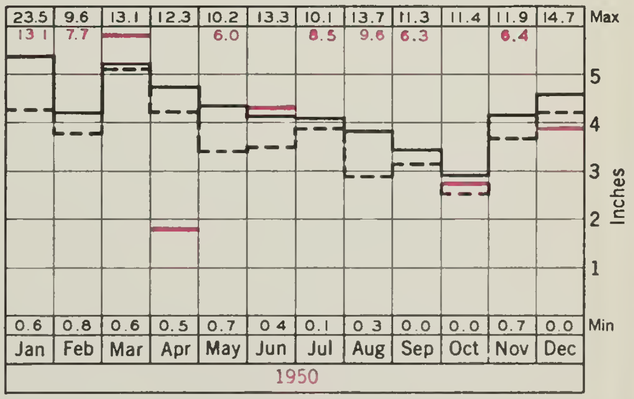
CHATTANOOGA, TENN.



LEWISBURG, TENN.



MUSCLE SHOALS, ALA.



JOHNSONVILLE, TENN.

1950 Record ▬ or 7.3 Mean ▬ Median - - -

AVERAGE PRECIPITATION ON WATERSHED SUBDIVISIONS
1950 MONTHLY AND ANNUAL

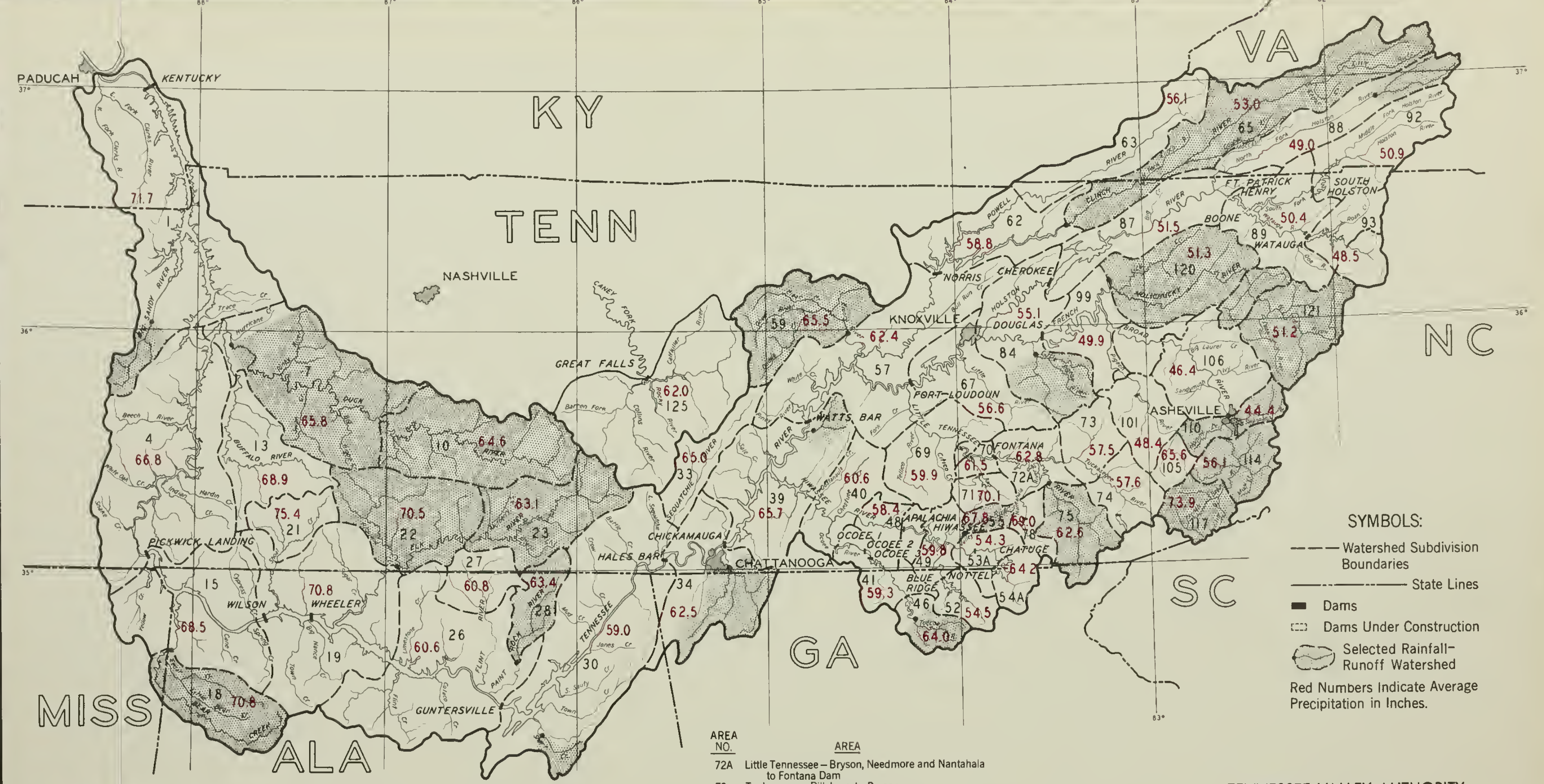
Subdivision		Average Precipitation--Inches												
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Entire Tennessee River Basin	1950 Average	10.39	5.95	6.66	2.01	5.80	4.74	6.81	5.63	4.44	1.77	3.75	3.28	61.23
	14 Yr. Average	5.82	5.28	5.25	3.90	4.01	4.13	5.24	4.46	3.06	2.61	3.80	4.15	51.71
Area Above Hales Bar	1950 Average	7.75	5.01	6.21	1.72	6.65	5.22	6.61	4.67	4.25	2.30	2.63	3.72	56.74
	14 Yr. Average	5.18	4.87	4.87	3.64	4.03	4.31	5.90	4.79	3.06	2.78	3.33	3.99	50.75
Area Below Hales Bar	1950 Average	13.41	7.02	7.17	2.35	4.82	4.20	7.03	6.72	4.66	1.17	5.02	2.78	66.35
	14 Yr. Average	6.55	5.74	5.68	4.20	3.99	3.92	4.48	4.08	3.06	2.42	4.33	4.33	52.78
French Broad Above Newport	1950 Average	4.40	3.22	5.87	1.59	5.03	5.67	6.57	3.73	5.89	3.85	1.72	4.94	52.48
	14 Yr. Average	4.32	4.18	4.75	3.41	3.98	4.68	6.35	5.72	3.51	3.18	3.23	3.74	51.05
French Broad Above Douglas Dam	1950 Average	5.35	3.92	5.79	1.68	5.77	5.34	5.71	3.82	5.13	2.97	2.05	4.23	51.76
	14 Yr. Average	4.30	4.19	4.49	3.28	3.82	4.41	6.12	5.18	3.29	2.93	3.09	3.55	48.65
Holston Above Cherokee Dam	1950 Average	6.71	4.82	4.69	1.46	7.97	5.49	5.00	3.95	3.02	1.24	2.59	3.29	50.23
	14 Yr. Average	4.05	3.85	3.77	2.95	3.91	4.18	5.69	4.61	2.90	2.40	2.73	3.17	44.21
Holston and French Broad Above Knoxville	1950 Average	6.17	4.51	5.39	1.58	6.71	5.35	5.57	3.90	4.06	2.20	2.32	3.77	51.53
	14 Yr. Average	4.28	4.14	4.22	3.18	3.87	4.28	5.92	4.88	3.09	2.69	2.96	3.43	46.94
Little Tennessee Above McGhee	1950 Average	7.57	5.25	8.26	2.39	5.67	5.78	7.48	4.76	4.02	3.53	2.46	4.32	61.49
	14 Yr. Average	6.26	5.81	6.08	4.32	4.52	4.71	6.70	5.50	3.38	3.17	3.88	4.80	59.13
Little Tennessee Above Fontana Dam	1950 Average	6.95	4.99	8.25	2.42	5.18	5.41	7.32	4.99	4.92	3.88	2.23	4.58	61.12
	14 Yr. Average	6.30	5.88	6.24	4.34	4.43	4.77	6.84	5.66	3.59	3.25	4.00	4.86	60.16
Clinch Above Norris Dam	1950 Average	8.44	5.25	4.41	1.64	9.00	5.37	5.75	4.43	3.00	1.42	3.46	3.05	55.22
	14 Yr. Average	4.79	4.34	4.22	3.24	3.82	4.34	5.50	4.66	2.68	2.42	2.98	3.40	46.39
Hiwassee Above Charleston	1950 Average	7.03	4.87	8.16	2.28	5.68	5.01	8.77	4.94	3.92	3.26	2.28	3.65	59.85
	14 Yr. Average	6.03	5.77	6.07	4.36	4.24	4.54	6.34	4.98	3.03	3.07	3.73	4.72	56.88
Hiwassee Above Hiwassee Dam	1950 Average	6.49	4.98	8.32	2.75	5.43	4.47	9.46	4.24	3.90	3.37	2.03	3.67	59.11
	14 Yr. Average	5.98	5.87	6.26	4.54	4.30	4.77	6.73	5.22	3.18	3.09	3.67	4.76	58.37

Note: 14 Year Averages Based on 1937-1950 Averages.

EVAPORATION DATA-YEAR 1950

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Evaporation (Inches)	Paris, Tenn.	1.65a	1.82a	3.72	4.85	4.97	6.63	5.76a	4.57	3.55a	3.24	2.09a	0.87a	43.72a
	Murphy, N. C.	0.99a	1.86a	3.01a	4.49	4.68a	5.48a	4.69a	4.52	3.36	2.68	1.83a	0.97a	38.56a
	Beetree Dam, N. C.	1.29a	1.75	2.90a	4.54a	5.32	4.76a	4.57	4.69	2.87	3.05	1.76a	0.84a	38.34a
	Jefferson City, Tenn.	1.26	1.53	2.79	4.15	4.76	5.18	5.16	4.75	3.62	2.68	1.41a	0.68a	37.97a
Precipitation (Inches)	Paris, Tenn.	13.55	6.65	4.86	2.72	7.76	3.43	8.80	5.14	9.52	1.78	5.14	2.51	71.86
	Murphy, N. C.	6.79	4.82	8.40	2.69	5.33	4.26	13.42	2.94	2.36	2.65	2.19	2.94	58.79
	Beetree Dam, N. C.	3.54	2.29	4.98	1.12	4.62	3.89	4.25	3.78	6.96	3.12	1.12	4.54	44.21
	Jefferson City, Tenn.	9.00	6.35	4.87	1.43	6.76	4.89	4.21	3.86	3.03	1.46	2.86	2.60	51.32
Average Air Temperature (Degrees F)	Paris, Tenn.	49	41	44	52	68	75	73	70	66	62	42	31	56
	Murphy, N. C.	52	45	46	52	67	71	72	70	66	60	41	35	56
	Beetree Dam, N. C.	47	39	38	46	66	71	71	67	60	57	40	33	53
	Jefferson City, Tenn.	49	45	47	54	68	73	73	72	67	61	41	33	57
Average Water Temperature (Degrees F)	Paris, Tenn.	49a	48a	51	59a	74	81	80a	79a	72	66	48a	37a	62a
	Murphy, N. C.	53	51	53a	59	73a	80a	80	79	73	65	46a	37a	62a
	Beetree Dam, N. C.	51	48a	48a	57a	71	76a	76	76	68	61	45a	39a	60a
	Jefferson City, Tenn.	52	51a	54a	58	75	79	80	80	73	65	47a	37a	63a
Average Relative Humidity (Percent)	Paris, Tenn.	81	71	63	67	79	75	79	78	78	74	71	74	74
	Murphy, N. C.	90	82	73	71	83	85	89	88	89	84	81	82	83
	Beetree Dam, N. C.	80	72	65	62	79	81	84	86	88	84	74	76	78
	Jefferson City, Tenn.	87	77	69	60	79	79	79	77	79	79	77	83	77
Average Wind Velocity (Miles per Hour)	Paris, Tenn.	1.99	1.44	2.13	1.89	0.55	0.68	0.37	0.24	0.41	0.37	1.10	0.95	1.01
	Murphy, N. C.	0.38	0.69	1.03	0.88	0.41	0.24	0.08	0.07	0.17	0.20	0.41	0.31	0.41
	Beetree Dam, N. C.	0.82	1.27	1.83	1.29	0.52	0.42	0.26	0.37	0.55	0.85	1.37	1.23	0.90
	Jefferson City, Tenn.	0.74	1.08	1.36	1.21	0.48	0.57	0.59	0.40	0.51	0.44	0.88	0.75	0.75

a = Partly estimated.



TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

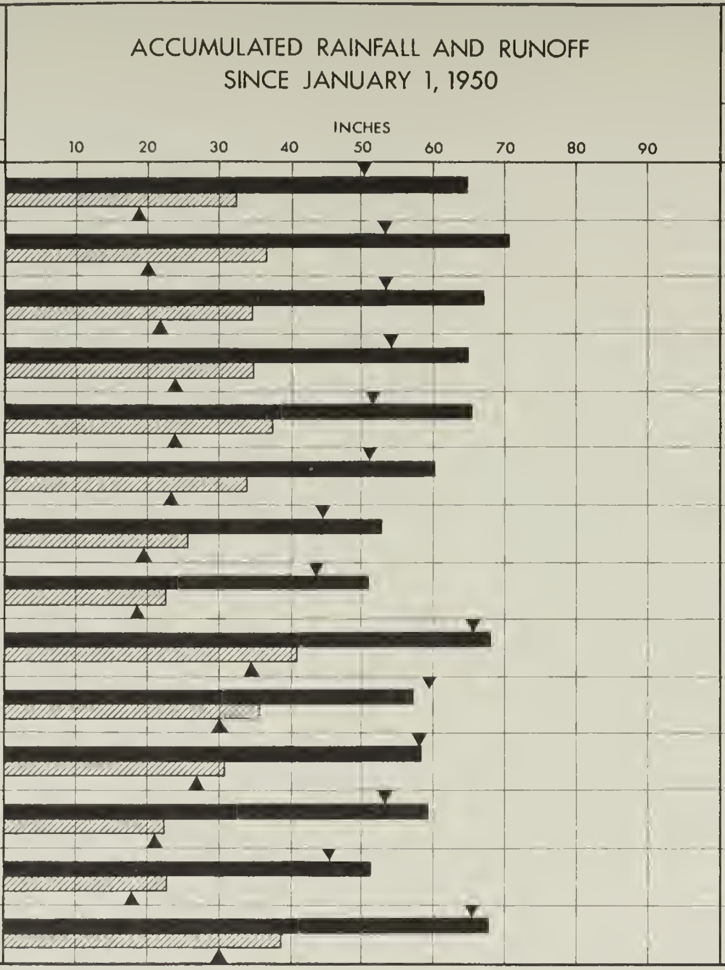
AVERAGE PRECIPITATION
ON
WATERSHED SUBDIVISIONS
YEAR 1950

SCALE 0 10 20 30 40 50 MILES

AREA NO.	AREA
1	Tennessee–Johnsonville to Mouth
4	Tennessee–Pickwick to Johnsonville
7	Duck–Columbia to Mouth
10	Duck–Above Columbia
13	Buffalo–Above Lobelville
15	Tennessee–Florence to Pickwick
18	Bear Creek–Above Bishop
19	Tennessee–Decatur to Florence
21	Shoal Creek–Above Iron City
22	Elk–Fayetteville to Prospect
23	Elk–Above Fayetteville
26	Tennessee–Guntersville to Decatur
27	Flint–Above Chase
28	Paint Rock–Above Woodville
30	Tennessee–Hales Bar to Guntersville
33	Sequatchie–Above Whitwell
34	Tennessee–Chickamauga to Hales Bar
39	Tennessee–Watts Bar to Chickamauga
40	Hiwassee–Reliance and Ocoee No. 1 to Charleston

AREA NO.	AREA
41	Ocoee–Blue Ridge to Ocoee No. 1
46	Toccoa–Above Blue Ridge
48	Hiwassee–Hiwassee Dam to Reliance
49	Hiwassee–Murphy, Nottely Dam and Tomotla to Hiwassee Dam
52	Nottely–Above Nottely Dam
53A	Hiwassee–Chatuge Dam to Murphy
54A	Hiwassee–Above Chatuge Dam
55	Valley–Above Tomotla
57	Tennessee and Clinch–Fort Loudoun to Watts Bar and Kingston to Norris Dam
59	Emory–Above Oakdale
62	Clinch–Arthur and Tazewell to Norris
63	Powell–Above Arthur
65	Clinch–Above Tazewell
67	Tennessee–Knoxville to Fort Loudoun
69	Little Tennessee–Calderwood to McGhee
70	Little Tennessee–Fontana and Santeetlah to Calderwood
71	Cheoah–Above Santeetlah

AREA NO.	AREA
72A	Little Tennessee–Bryson, Needmore and Nantahala to Fontana Dam
73	Tuckasegee–Dillsboro to Bryson
74	Tuckasegee–Above Dillsboro
75	Little Tennessee–Above Needmore
78	Nantahala–Above Nantahala
84	French Broad and Holston–Douglas and Cherokee to Knoxville
87	Holston–Gate City and Kingsport to Cherokee Dam
88	North Fork of Holston–Above Gate City
89	South Fork of Holston–South Holston Dam and Watauga Dam to Kingsport
92	South Fork of Holston–Above South Holston Dam
93	Watauga–Above Watauga Dam
99	French Broad–Hartford, Newport and Bent Creek to Douglas Dam
101	Pigeon–Canton to Hartford
105	Pigeon–Above Canton
106	French Broad–Asheville to Newport
110	French Broad–Bent Creek to Asheville
114	French Broad–Blantyre to Bent Creek
117	French Broad–Above Blantyre
120	Nolichucky–Embreeville to Above Morristown
121	Nolichucky–Above Embreeville
125	Caney Fork–Above Great Falls Dam



STREAM AND STATION	DRAINAGE AREA	ACCUMULATED SINCE JANUARY 1, 1950 INCHES				1950	
				DEPARTURES		RUNOFF IN PER-ENT OF RAINFALL	RAINFALL MINUS RUNOFF
	SQ. MILES	RAINFALL	RUNOFF	RAINFALL	RUNOFF		INCHES
DUCK RIVER — HURRICANE MILLS	2571	65.0	32.5	+14.7	+13.6	50.0	32.5
BEAR CREEK — BISHOP	667	70.8	36.4	+17.4	+16.4	51.4	34.4
ELK RIVER — PROSPECT	1784	67.1	34.6	+13.7	+12.9	51.6	32.5
SEQUATCHIE RIVER — WHITWELL	384	65.0	34.7	+10.7	+10.7	53.4	30.3
EMORY RIVER — OAKDALE	764	65.5	37.4	+13.6	+13.6	57.1	28.1
COLLINS RIVER — McMINNVILLE	646	60.2	33.9	+ 9.0	+10.4	56.3	26.3
CLINCH RIVER — TAZEWELL	1474	53.0	25.7	+ 8.6	+ 6.0	48.5	27.3
S. FORK HOLSTON RIVER — BLUFF CITY	813	51.1	*22.6	+ 7.2	*+ 3.8	44.2	28.5
TOCCOA RIVER — DIAL	177	68.1	40.7	+ 2.3	+ 6.4	59.8	27.4
TUCKASEGEE RIVER — BRYSON CITY	655	57.5	35.6	− 1.9	+ 5.5	61.9	21.9
FRENCH BROAD RIVER — ASHEVILLE	945	58.3	30.8	+ 0.3	+ 3.9	52.8	27.5
LITTLE PIGEON RIVER — SEVIERVILLE	353	59.5	22.3	+ 6.3	+ 1.2	37.5	37.2
NOLICHUCKY RIVER — MORRISTOWN	1679	51.2	22.8	+ 5.4	+ 4.8	44.5	28.4
VALLEY RIVER — TOMOTLA	104	67.8	38.5	+ 2.3	+ 8.4	56.8	29.3

SYMBOLS:

■	Accumulated Rainfall
▨	Accumulated Runoff
▼	Accumulated Average Rainfall - 1937-1949
▲	Accumulated Normal Runoff - 1921-1945
*	Adjusted for Storage

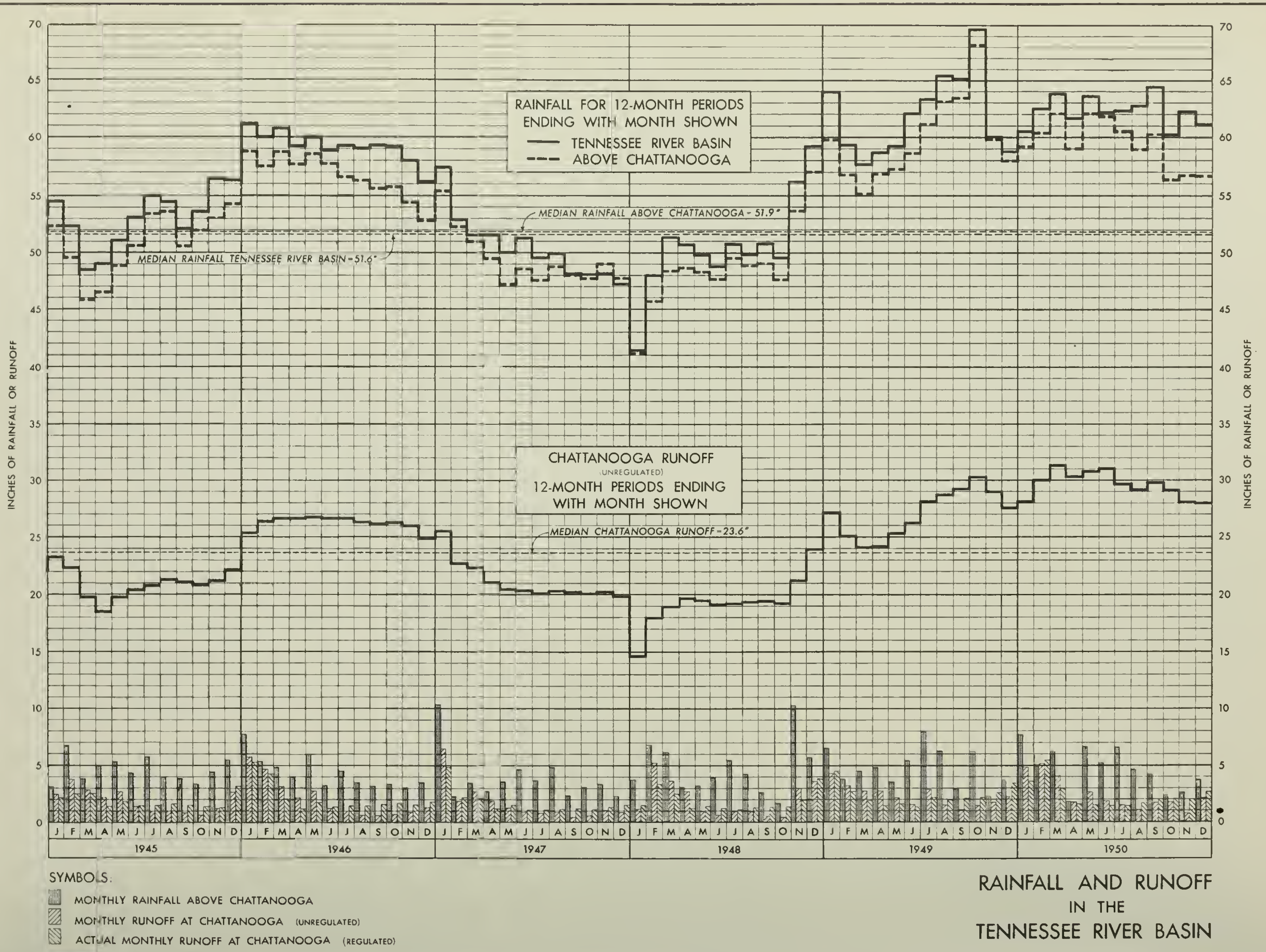
NOTE:

Locations of watersheds are shown on the map AVERAGE PRECIPITATION ON WATERSHED SUBDIVISIONS.

Runoff data are furnished by the U. S. GEOLOGICAL SURVEY and are tentative.

RAINFALL AND RUNOFF
FOR
SELECTED WATERSHEDS

FOR THE PERIOD JANUARY 1, 1950 TO DECEMBER 31, 1950



RAINFALL AND RUNOFF
IN THE
TENNESSEE RIVER BASIN

PRECIPITATION STATISTICS FOR SELECTED STATIONS

Precipitation in Inches

			Maximum		Minimum		
Month	Mean	Median	Amount	Date	Amount	Date	1950
			Elizabethton, Tennessee				
January	3.44	3.26	8.13	1947	0.46	1896	5.97
February	3.34	3.20	7.59	1944	0.48	1906	4.89
March	4.23	4.00	10.72	1899	1.37	1937	4.55
April	3.30	3.12	6.05	1912	0.65	1942	1.81
May	4.17	4.06	7.73	1915	1.08	1941	6.92
June	4.88	4.48	16.38	1872	1.33	1946	4.61
July	5.26	4.77	10.56	1896	1.10	1872	4.72
August	4.49	4.13	12.14	1901	0.89	1896	4.29
September	2.92	2.72	7.61	1928	0.30	1903	3.52
October	2.54	2.27	7.61	1918	0.02	1904	1.17
November	2.22	2.04	5.02	1948	0.61	1931	1.47
December	3.32	3.12	9.87	1872	0.80	1935	3.29
Annual	44.11	44.44	58.91	1928	29.06	1941	47.21
			Hendersonville, North Carolina				
January	4.79	4.24	12.40	1906	0.39	1907	3.94
February	4.59	4.23	10.73	1891	0.70	1898	1.86
March	5.34	5.35	11.67	1891	1.10	1937	7.01
April	4.17	4.11	9.38	1920	0.43	1915	1.05
May	4.63	4.28	12.70	1942	0.95	1914	5.73
June	5.24	4.90	11.56	1934	0.96	1911	4.46
July	6.45	5.84	22.09	1916	1.29	1930	11.31
August	6.13	5.19	26.58	1901	0.49	1925	2.66
September	4.52	4.13	14.00	1906	0.22	1919	6.78
October	4.24	3.42	14.59	1918	0.01	1904	5.08
November	3.30	3.08	12.54	1948	0.21	1910	1.37
December	5.26	4.98	12.85	1918	1.13	1928	7.38
Annual	58.66	58.42	92.60	1901	32.55	1925	58.63
			Knoxville, Tennessee				
January	4.70	3.99	16.98	1882	1.29	1907	9.83
February	4.74	4.43	12.52	1873	0.56	1898	6.74
March	5.12	4.44	13.35	1917	0.72	1910	4.56
April	4.30	4.00	17.32	1874	0.70	1942	1.78
May	3.80	3.80	8.81	1938	0.71	1941	6.92
June	4.21	4.07	11.83	1928	1.39	1936	4.94
July	4.64	4.00	13.16	1917	0.69	1901	6.47
August	4.02	3.85	11.33	1920	1.25	1896	4.18
September	2.78	2.46	10.78	1944	0.22	1879	1.85
October	2.57	2.30	9.51	1925	0.07	1904	1.03
November	3.28	3.10	11.69	1948	0.17	1890	2.77
December	4.33	3.72	12.34	1901	0.95	1896	3.21
Annual	48.49	47.76	73.87	1875	33.67	1930	54.28

PRECIPITATION STATISTICS FOR SELECTED STATIONS--Continued

Precipitation in Inches

			Maximum		Minimum		
Month	Mean	Median	Amount	Date	Amount	Date	1950
			Murphy, North Carolina				
January	5.64	4.79	14.85	1882	1.75	1907	6.80
February	5.61	4.96	15.10	1873	0.56	1906	4.82
March	6.28	5.84	15.34	1917	2.09	1918	8.43
April	4.76	4.56	15.40	1874	0.30	1915	2.69
May	4.04	3.46	11.25	1929	0.46	1941	5.33
June	5.01	5.09	9.31	1884	1.53	1936	4.26
July	5.82	5.51	13.42	1950	1.23	1901	13.42
August	5.11	4.72	13.96	1920	1.18	1918	2.94
September	3.19	3.30	7.43	1906	0.20	1876	2.36
October	3.11	2.69	9.27	1949	T	1904	2.65
November	3.74	3.17	13.18	1948	0.51	1924	2.19
December	5.22	4.80	12.98	1932	1.09	1898	2.94
Annual	57.53	56.81	84.80	1875	40.00	1940	58.83
			Chattanooga, Tennessee				
January	5.34	4.74	14.74	1882	1.33	1907	8.11
February	5.00	4.68	12.30	1939	0.68	1898	4.52
March	5.97	5.31	14.05	1899	0.93	1910	8.70
April	4.69	4.26	15.29	1911	0.44	1942	0.93
May	3.99	3.86	12.00	1929	0.37	1941	3.80
June	4.14	4.12	9.20	1884	0.29	1931	5.92
July	4.66	4.50	13.49	1916	0.67	1902	11.47
August	3.98	3.22	12.36	1920	0.45	1929	6.87
September	3.03	2.52	10.24	1950	0.04	1919	10.24
October	3.06	2.66	12.07	1949	0.08	1938	2.23
November	3.56	3.14	12.70	1948	0.16	1890	2.05
December	5.06	4.80	12.63	1942	0.44	1889	2.70
Annual	52.48	52.17	72.37	1929	32.68	1904	67.54
			Lewisburg, Tennessee				
January	5.20	4.57	17.05	1950	1.25	1943	17.05
February	5.03	4.76	13.14	1939	1.08	1941	8.47
March	5.87	5.63	12.50	1902	0.94	1910	6.06
April	4.40	4.42	12.60	1912	0.56	1915	1.15
May	4.09	3.88	8.50	1933	0.60	1941	5.65
June	4.15	3.66	13.46	1900	0.72	1899	3.77
July	4.50	4.11	9.85	1941	1.55	1930	6.14
August	4.14	3.41	11.40	1923	0.57	1909	3.85
September	3.04	3.01	8.87	1906	0.32	1927	4.91
October	3.01	2.59	8.88	1919	0.05	1924	0.47
November	3.72	3.41	10.27	1948	0.76	1949	7.27
December	4.74	4.27	11.71	1922	1.01	1928	1.83
Annual	51.89	51.52	66.62	1950	37.42	1904	66.62

PRECIPITATION STATISTICS FOR SELECTED STATIONS--Continued

Precipitation in Inches

Muscle Shoals, Alabama*

Month	Mean	Median	Maximum Amount	Maximum Date	Minimum Amount	Minimum Date	1950
January	5.09	4.63	13.09	1950	1.98	1914	13.09
February	5.13	4.80	13.64	1948	0.54	1941	7.89
March	5.86	5.32	16.15	1897	1.26	1910	6.99
April	4.52	3.98	16.07	1892	0.74	1930	4.01
May	4.03	3.76	11.29	1939	0.16	1941	3.62
June	4.24	3.89	13.87	1900	0.60	1897	4.07
July	4.59	3.78	14.60	1916	0.77	1935	6.36
August	3.98	3.30	10.60	1894	0.35	1948	8.10
September	3.02	2.67	7.87	1890	0.00	1897	1.38
October	2.68	2.07	11.05	1918	0.00	1924	0.76
November	3.57	3.52	11.39	1948	0.16	1949	3.93
December	4.78	4.29	14.59	1926	1.10	1889	3.17
Annual	51.49	50.82	76.21	1932	30.92	1943	63.37

*Before December 1940 the Muscle Shoals, Alabama, station was at Florence, Alabama.

Johnsonville, Tennessee

January	5.51	4.46	23.51	1937	0.64	1944	13.13
February	4.25	3.80	9.56	1939	0.79	1947	7.66
March	5.26	5.14	13.07	1927	0.59	1910	5.79
April	4.70	4.22	12.29	1892	0.53	1887	1.84
May	4.41	3.51	10.19	1909	0.70	1891	6.00
June	4.14	3.56	13.34	1928	0.37	1930	4.27
July	4.17	3.90	10.12	1892	0.06	1890	8.54
August	3.94	2.94	13.70	1914	0.34	1948	9.63
September	3.49	3.20	11.31	1921	0.00	1897	6.34
October	2.96	2.62	11.44	1919	T	1924	2.66
November	4.17	3.72	11.90	1906	0.74	1949	6.45
December	4.60	4.11	14.66	1926	0.05	1889	3.86
Annual	51.60	49.95	76.17	1950	33.97	1941	76.17

MONTHLY AND ANNUAL RAINFALL AND RUNOFF

TENNESSEE RIVER ABOVE CHATTANOOGA, TENNESSEE

Drainage Area - 21,400 Square Miles

Rainfall in Inches 1890 - 1950

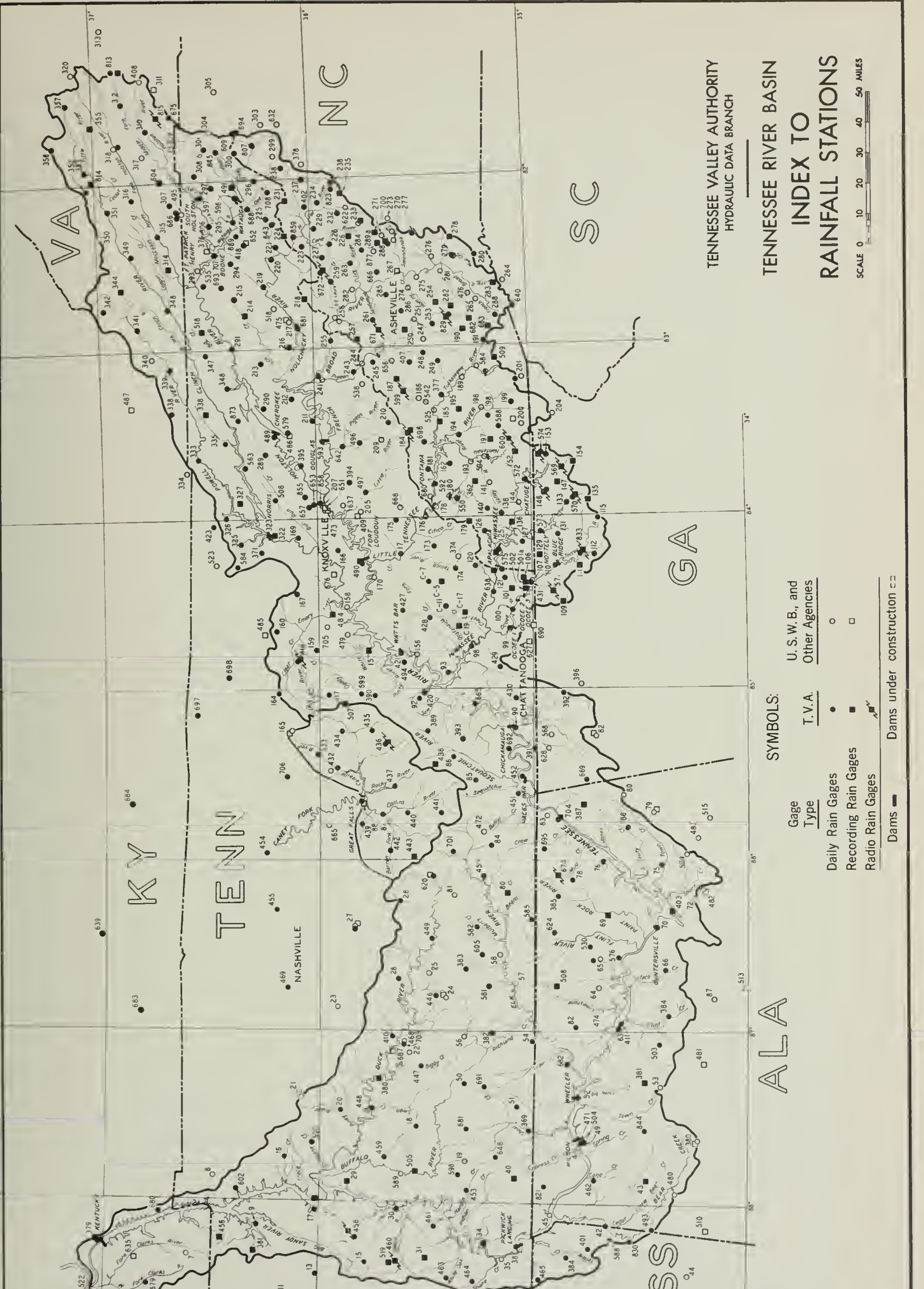
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL
950	[illegible]	5.01	6.24	1.72	6.01	5.22	6.61	4.67	4.25	2.30	2.63	5.12	56.74
[illegible]	10.32	9.69	11.40	7.49	8.97	8.61	11.07	13.33	6.91	8.37	10.30	9.93	62.81
nimum	1.42	0.96	1.37	0.95	0.80	1.15	2.69	1.25	0.71	0.11	0.44	1.06	37.23
an	4.52	4.59	5.29	4.10	4.12	4.52	5.40	4.67	3.23	2.95	3.11	4.51	51.01
dian	4.23	4.44	5.01	4.05	3.81	4.62	5.08	4.27	3.08	2.48	2.63	4.15	51.94

Runoff in Inches 1874 - 1950
(Unregulated)

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL
950	4.92	5.10	4.09	1.68	2.64	1.86	1.48	1.06	1.72	0.73	0.72	2.13	28.13
ximum	9.42	7.45	9.62	7.11	5.28	3.75	3.90	4.28	2.69	3.17	3.77	5.11	36.54
nimum	0.50	0.62	1.30	1.01	0.61	0.50	0.45	0.26	0.21	0.30	0.30	0.41	11.22
ar	3.09	3.24	3.76	2.97	2.03	1.48	1.38	1.20	0.89	0.82	1.11	1.91	23.88
dian	2.83	3.08	3.26	2.69	1.84	1.28	1.16	1.01	0.72	0.72	0.87	1.68	23.66

Runoff in Cubic Feet Per Second 1874 - 1950
(Unregulated)

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL
50	91,300	104,800	75,900	32,200	49,000	35,700	27,500	19,700	33,000	13,600	13,800	39,500	44,300
ximum	174,800	147,800	178,500	136,400	98,000	72,000	72,300	79,400	51,500	58,900	72,400	94,800	57,600
nimum	9,200	12,700	24,100	19,400	11,300	9,600	8,300	4,760	3,990	5,510	5,800	7,700	17,690
an	57,400	66,000	69,800	57,000	37,700	28,400	25,600	22,300	17,100	15,200	21,300	35,500	37,600
dian	52,500	62,800	60,500	51,600	34,200	24,600	21,500	18,700	13,800	13,400	16,700	31,200	37,300



TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
INDEX TO
RAINFALL STATIONS

SCALE 0 10 20 30 40 50 MILES

SYMBOLS:

Gage Type	T.V.A.	U.S.W.B., and Other Agencies
Daily Rain Gages	●	○
Recording Rain Gages	■	□
Radio Rain Gages	■	

Dams ▬ Dams under construction ▭

REVISED 2 8 51

ANNUAL 1950 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	TENNESSEE RIVER - MOUTH TO JOHNSONVILLE																															
1	PADUCAH	A-1	USWB	333	69	12.47	4.37	9.97	3.62	5.93	4.93	4.13	4.54	6.26	3.90	4.17	4.06	5.59	3.43	----	3.46	3.26	3.04	1.91	2.90	5.63	3.84	1.91	3.59	-----	45.68	5.5
522	PADUCAH (NEAR) (R)	A-1	SCS	348	10	13.11	4.71	8.72	3.90	5.80	4.80	3.28	3.84	5.17	4.62	4.46	3.28	4.36	3.00	7.34	3.18	3.45	2.81	1.85	3.15	5.49	3.84	1.87	2.91	64.90	44.04	---
702	PADUCAH AIRPORT	A-1	USWB	504	1	14.13		8.01		6.10		4.32		5.79		4.58		6.83		7.60		3.73		2.35		5.51		1.63		70.58		5.1
2	LOVELACEVILLE	A-2	USWB	479	26	14.15	4.68	10.14	3.90	6.27	5.32	4.88	4.78	6.91	3.75	5.73	4.46	7.37	2.67	7.81	3.58	#3.82	3.58	1.96	3.53	6.06	3.50	#1.82	3.62	#76.92	47.37	---
379	KENTUCKY DAM (R)	A-1	TVA	362	13	12.23	4.43	7.26	4.47	5.71	5.01	3.17	4.09	6.19	4.15	5.69	3.93	5.39	3.34	7.65	3.47	6.45	2.67	1.24	2.53	6.10	4.02	1.79	3.21	68.87	45.32	---
379A	KENTUCKY DAM	A-1	TVA	362	6	12.08	5.75	7.29	5.16	5.62	5.23	3.28	3.65	6.09	4.74	5.58	4.15	5.35	3.54	7.43	3.29	6.39	3.75	1.21	3.14	6.13	5.19	1.68	3.56	68.13	51.15	4.0
679	BICKSVILLE	A-2	TVA	440	3	11.83		7.10		5.49		4.27		5.44		7.09		6.83		8.16		5.04		1.78		4.84		2.04		69.91		5.5
5	MAYFIELD	A-2	USWB	364	38	11.27	4.71	7.48	3.35	----	4.84	3.10	4.41	5.83	4.12	8.38	3.73	7.14	3.88	8.16	3.48	2.89	3.07	1.73	2.98	4.43	3.73	----	3.99	-----	46.29	---
5A	MAYFIELD SUBSTA.	A-2	TVA	364	7	12.98	5.56	6.91	5.61	5.56	5.70	3.06	3.96	5.69	5.16	7.63	4.28	6.26	4.09	5.52	3.96	5.08	3.34	1.39	3.49	4.26	4.92	2.26	4.21	66.60	54.28	6.0
635	BENTON (R)	A-2	USWB	410	6	11.93		5.74		4.45		#4.15		----		6.95		----		----		4.12		1.21		----		2.01		-----		---
7	MURRAY	A-2	USWB	412	25	13.95	5.22	6.96	3.99	4.52	5.55	2.64	4.41	5.85	4.16	3.67	4.03	9.21	3.26	10.77	3.32	4.48	3.38	1.66	3.00	5.08	3.31	2.73	3.79	71.52	47.42	2.0
680	TURKEY CREEK SCHOOL	A-2	TVA	345	3	12.32		6.89		4.60		2.65		7.33		4.79		6.80		8.08		6.52		1.67		4.72		2.67		69.04		4.6
8	DOVER	B-2	USWB	492	53	13.29	5.37	6.17	3.79	5.26	4.83	3.26	4.45	5.56	4.12	4.36	4.11	7.14	3.38	7.26	3.58	7.73	3.25	1.34	3.30	4.58	3.81	4.37	4.62	70.32	48.61	6.7
602	DOVER FIRE TOWER (NEAR)	B-2	TVA	410	8	14.04	5.95	6.97	4.93	5.18	5.56	3.65	4.05	7.49	4.55	4.63	4.46	9.04	4.73	6.49	3.80	9.77	4.32	1.56	3.15	5.35	5.51	4.15	5.28	78.32	56.29	8.5
456	BUCHANAN (R)	A-2	TVA	435	11	14.78	4.99	7.16	4.44	5.38	5.49	2.86	3.86	8.41	4.50	4.21	3.53	7.92	4.29	6.45	4.30	7.43	3.06	2.43	3.19	5.75	4.64	2.96	3.95	75.74	50.24	---
9	SPRINGVILLE	A-2	TVA	377	36	13.43	5.70	6.40	3.97	5.40	5.30	2.42	4.25	7.25	4.60	4.06	3.49	7.06	3.93	6.89	3.69	8.07	3.22	1.50	2.97	4.70	4.08	3.29	4.62	70.47	49.82	5.2
10	DRESDEN	A-2	USWB	422	27	15.34	5.72	7.27	3.74	4.97	5.04	3.49	4.49	7.04	4.36	4.15	4.41	7.44	3.12	5.86	3.34	5.72	2.99	1.50	3.15	4.89	3.38	2.34	4.43	70.01	48.17	3.5
361	PARIS EVAPORATION STA. (R)	A-2	TVA	455	14	12.90	5.44	6.47	4.55	5.66	5.60	2.58	4.34	7.78	3.64	3.33	4.04	8.40	4.20	5.17	3.39	9.34	2.65	1.76	3.18	4.80	3.40	2.60	4.61	70.79	49.04	---
11	MCKENZIE	A-2	USWB	475	17	12.28	6.31	6.69	4.04	5.76	5.30	4.01	3.81	7.19	4.08	3.94	3.93	9.43	3.84	6.18	3.20	5.53	3.46	2.23	3.55	4.64	3.64	2.92	4.45	70.80	49.61	3.0
13	HUNTINGDON	A-2	TVA	430	21	13.33	6.32	7.66	4.14	6.75	6.08	2.68	4.35	7.33	4.69	3.42	3.97	7.95	4.41	7.26	3.64	3.98	3.20	2.45	3.00	3.40	3.93	4.10	4.23	70.31	51.96	3.0
15	WILDERSVILLE	A-3	TVA	480	35	17.35	6.09	6.51	4.20	7.06	5.25	3.70	4.45	5.52	4.59	4.31	4.13	8.82	4.11	5.66	4.18	5.38	3.12	1.50	3.00	5.46	4.04	3.85	4.79	75.12	51.95	1.5
16	ERIN (NEAR)	B-2	TVA	470	15	13.76	6.74	6.98	4.50	6.11	5.58	2.96	3.87	5.89	3.97	4.19	3.58	6.51	4.86	11.36	3.75	7.86	3.17	1.15	2.71	3.91	4.04	2.89	4.51	73.57	51.28	6.2
	DUCK RIVER																															
459	PLEASANTVILLE	B-3	TVA	495	11	16.89	6.48	6.09	5.08	7.16	5.83	2.19	4.05	4.97	4.13	4.28	3.34	3.63	3.43	5.80	4.61	4.29	2.93	0.48	2.21	7.80	5.11	2.65	4.68	66.23	51.88	5.5
589	LINDEN	B-3	USWB	500	9	15.92	5.16	6.53	4.13	6.62	5.50	2.61	4.68	4.29	4.23	4.73	4.23	4.26	3.99	7.62	3.96	3.02	3.09	0.72	3.42	7.76	3.78	2.33	5.32	66.41	51.49	3.0
505	SUGAR HILL (R)	B-3	TVA	610	10	16.78	7.41	7.32	5.43	7.59	5.32	2.96	3.93	3.27	3.58	4.10	2.59	1.70	2.90	5.91	4.98	4.25	3.29	1.05	2.19	6.67	4.91	2.50	4.56	64.10	51.09	---
18	HOHENWALD	B-3	TVA	975	63	15.89	5.48	7.45	4.88	6.21	6.02	2.18	4.90	7.04	4.38	4.97	4.24	3.16	4.18	5.96	4.31	3.38	3.09	1.57	2.81	7.71	4.18	2.72	5.20	68.24	53.67	5.8
598	WAYNESBORO (NEAR)	B-3	TVA	860	7	14.54	8.26	7.80	6.57	6.59	6.53	2.14	4.47	5.21	4.49	4.46	4.21	5.67	3.89	6.47	4.13	2.96	3.17	1.15	2.25	6.71	5.54	3.27	4.78	66.97	58.29	8.5
19	WAYNESBORO	B-3	USWB	730	66	15.09	5.00	7.44	4.22	6.35	5.67	2.30	5.38	4.35	4.80	5.72	4.07	5.63	4.53	5.12	4.60	3.89	3.23	1.07	3.25	6.77	3.78	3.35	5.63	67.08	54.16	7.8
590	MCEWEN (NEAR)	B-2	TVA	532	9	13.37		7.99		5.47		3.83		6.66		4.56		6.10		9.19		4.19		0.61		5.75		2.72		70.44		4.5
20	PINEWOOD	B-3	TVA	520	35	15.49	6.00	7.78	4.06	5.60	5.19	2.46	4.63	3.76	4.11	3.93	3.56	7.93	4.04	5.53	4.03	4.65	2.69	1.10	2.77	5.07	3.81	2.52	4.87	65.82	49.76	2.0
21	DICKSON	B-2	USWB	800	59	13.51	5.23	7.86	3.74	4.57	5.36	2.95	4.81	6.40	4.63	#4.03	4.30	6.20	3.88	8.79	4.06	3.21	2.84	0.71	3.14	4.65	3.87	#3.02	4.92	#65.90	50.78	4.0
21A	DICKSON (R)	B-2	USWB	800	11	14.06	5.23	7.29	3.74	4.12	5.36	2.80	4.81	6.15	4.63	4.00	4.30	----	3.88	8.73	4.06	----	2.84	0.65	3.14	4.47	3.87	2.88	4.92	-----	50.78	---
446	CENTERVILLE SUBSTA.	B-3	TVA	550	11	16.05	6.46	6.69	5.15	5.90	5.31	2.19	3.95	4.80	3.71	4.12	3.65	3.27	3.45	6.82	4.57	4.46	2.95	1.68	2.05	7.48	4.70	3.28	4.48	66.74	50.43	4.3
446A	CENTERVILLE	B-3	USWB	630	5	15.73		6.15		5.25		2.71		3.83		3.55		3.13		7.67		2.14		1.57		7.10		3.35		62.18		7.3
380	SHADY GROVE (R)	B-3	TVA	580	12	14.34	5.69	7.62	5.84	5.82	5.09	2.37	3.82	3.29	3.39	4.81	3.34	3.35	3.86	6.72	4.05	3.06	2.58	1.28	1.82	8.35	4.33	2.47	4.19	63.48	48.00	---
447	MT. PLEASANT SUBSTA.	B-3	TVA	650	11	15.20	5.20	8.88	6.02	6.53	5.59	1.78	3.80	4.10	3.54	5.04	3.19	2.74	3.97	8.10	4.38	3.90	3.54	0.52	2.20	6.83	4.40	2.60	4.28	66.22	50.11	6.6
687	MONSANTO (R)	B-3	MCCO	625	3	16.42		8.23		5.21		2.06		5.87		4.12		3.07		6.23		1.96		0.60		6.66		2.45		62.88		---
22	ASHWOOD	B-3	USWB	725	78	16.14	4.72	8.85	3.82	6.35	5.17	1.51	4.34	3.80	4.25	4.50	3.92	3.30	3.54	8.17	4.02	3.70	3.10	0.57	3.09	7.37	3.28	2.76	4.66	67.02	47.91	6.1
468A	COLUMBIA	B-3	USWB	675	3	15.76		----		5.50		1.56		2.76		4.28		4.07		6.28		2.48		----		7.46		2.36		-----		---
703	COLUMBIA (NEAR)	B-3	TVA	642	1	EST. FEB.15'50		----		6.40		1.52		2.82		4.40		3.52		4.04		3.67		0.53		6.76		2.36		-----		---
410	COLUMBIA SUBSTA.	B-3	TVA	620	12	15.15	5.40	8.53	5.61	6.85	5.38	1.85	3.70	2.89	3.26	4.54	3.90	2.76	3.42	3.45	4.78	4.24	3.74	0.81	2.25	6.37	4.39	2.08	4.27	59.52	50.10	4.5
468	COLUMBIA	B-3	TVA	650	11	15.14	5.42	8.25	5.57	6.03	5.14	1.40	3.58	3.12	3.17	4.27	3.31	#3.55	3.99	DISCONTINUED AUGUST 20, 1950										-----		---
23	FRANKLIN	C-3	USWB	625	62	15.09	4.71	7.43	3.89	4.84	5.25	3.15	4.70	2.39	3.98	3.91	4.27	7.52	3.55	4.71	3.97	3.54	3.01	0.93	3.00	6.98	3.68	2.17	4.84	62.66	48.85	---
448	LEWISBURG NO. 2 SUBSTA.	C-3	TVA	740	11	16.08	5.88	9.32	6.31	6.61	5.28	0.98	3.79	5.75	4.21	2.66	3.34	4.87	5.07	3.83	3.57	4.60	3.43	0.34	2.21	6.70	4.39	1.82	3.96	63.56	51.44	3.7
24	LEWISBURG (NEAR)	C-3	USWB	787	57	17.05	4.93	8.47	4.36	6.06	5.78	1.15	4.58	5.65	4.25	3.77	4.25	6.14	4.24	3.85	4.51	4.91	3.01	0.47	3.30	7.27	3.47	1.83	5.29	66.62	51.97	5.5
24A	LEWISBURG (NEAR) (R)	C-3	USWB	787	11	17.63	4.93	8.73	4.36	4.74	5.78	1.25	4.58	4.71	4.25	3.54	4.25	----	4.24	4.04	4.51	4.02	3.01	0.37	3.30	7.03	3.47	1.72	5.29	-----	51.97	---
25	PALMETTO	C-3	USWB	770	61	17.69	4.68	8.24	4.16	6.36	5.33	1.32	4.38	7.52	4.43	3.96	4.43	3.30	4.58	4.38	4.18	3.92	2.96	0.49	3.39	7.16	3.28	1.96	4.98	66.30	50.78	4.0
26	CHAPEL HILL	C-3	TVA	675	15	14.75	6.27	8.92	5.79	6.19	5.21	1.19	3.77	4.12	4.33	4.23	3.01	3.13	4.45	2.50	4.06	4.82	3.38	0.68	2.50	5.87	4.64	1.77	3.87	58.17	51.28	5.5
27A	MURFREESBORO	C-3	USWB	608	69	14.73	4.75	8.08	3.67	4.77	5.16	1.24	4.48	3.63	4.14	4.19	3.93	4.72	4.33	2.24	4.19	4.50	3.07	0.65	3.07	6.99	3.49	1.37	4.67	57.11	48.95	6.5
27B	MURFREESBORO SUBSTA.	C-3	TVA	580	11	15.41	5.55	8.57	5.73	4.81	5.27	1.31	3.34	4.01	3.96	4.02	3.07	4.61	4.40	2.00	3.45	5.21	3.51	0.67	2.01	7.70	5.01	1.62	4.32	59.95	49.62	6.0
27C	MURFREESBORO (R)	C-3	USWB	608	11	15.54	4.75	7.48	3.67	3.66	5.16	1.30	4.48	3.26	4.14	3.96	3.93	----	4.33	2.82	4.19	3.76	3.07	0.76	3.07	----	3.49	1.24	4.67	-----	48.95	---
449	SHELBYVILLE	C-3	TVA	742	11	19.33	6.27	7.54	6.25	7.31	5.46	1.28	3.66	6.21	3.95	3.67	3.76	6.74	4.27	2.95	3.32	5.46	3.49	0.80	2.18	7.33	4.46	1.74	4.42	70.36	51.49	3.0
28	BEECH GROVE	C-3	TVA	875	14	15.12	6.78	7.46	6.30	8.22	5.60	1.29	3.49	5.32	4.44	4.85	3.87	6.08	4.37	5.08	5.04	4.48	3.46	0.77	2.38	6.60	4.68	1.77	4.37	67.04	54.78	4.5
620A	MANCHESTER	C-3	TVA	1046	1	ESTABLISHED APRIL 7, 1950						----		4.19		3.60		8.59		4.60		3.24		1.25		5.59		2.43		-----		---
620	MANCHESTER (R)	C-3	USWB	1060	7	----		----		5.57		----		----		3.42		7.71		----		3.85		1.00		5.09		1.95		-----		---
	TENNESSEE RIVER - JOHNSONVILLE TO PICKWICK																															
17	JOHNSONVILLE	A-2	TVA	435	67	13.13	5.51	7.66	4.25	5.79	5.26	1.84	4.70	6.00	4.41	4.27	4.14	8.54	4.17	9.63	3.94	6.34	3.49	2.66	2.96	6.45	4.17	3.86	4.60	76.17	51.60	5.7
17A	JOHNSONVILLE STEAM PLANT (R)	B-2	TVA	390	1	13.29		7.78		5.54		2.16		5.21		4.07		6.29		8.72		5.19		1.86		4.37		3.03		67.51		---
458	CAVVIA	A-3	TVA	598	11	15.50	5.68	7.38	4.78	6.27	6.16	3.32	4.39	5.02	4.20	4.28	3.64	8.14	4.09	6.27	4.27	6.43	3.63	1.12	3.02	5.43	5.19	3.04	4.51	72.20	53.56	3.0
29	CUBA LANDING (R)	B-3	TVA	444	15	13.82	6.45	6.01	4.54	6.50	5.40	3.24	3.83	5.23	3.97	3.71	3.66	7.35	4.13	8.48	3.03	2.82	2.29	1.06	2.53	4.99	4.04	2.70	4.06	65.91	47.93	---
30	PERRYVILLE	A-3	TVA	430	55	16.45	5.71	6.14	4.28	7.73	5.84	2.27	4.51	5.65	4.15	4.00	4.01	5.54	3.90	5.59	3.74	4.09	2.96	0.74	3.05	6.31	4.06	2.46	4.96	66.97	51.17	3.5
519	OAK GROVE (R)	A-3	TVA	532	10	15.38	6.83	6.82	4.79	7.24	5.58	2.82	4.32	5.03	4.71	4.03	3.77	6.41	3.39	5.89	4.28	4.73	3.63	1.12	3.22	5.61	5.26	3.17	4.82	68.25	54.60	---
461	DUNBAR, TENNESSEE	A-3	TVA	535	11	15.33	6.18	6.18	5.26	6.83	5.86	2.46	4.33	5.17	4.01	5.59	3.41	3.61	2.99	5.60	4.32	5.99	3.14	0.85	2.64	5.95	4.95	2.87	4.89	66.43	51.98	3.0
453	CLIFTON JUNCTION	B-3	TVA	474	11	14.65	5.56	7.41	5.50	6.16	5.84	1.78	4.41	4.10	3.48	3.61	3.62	4.04	3.15	5.72	3.88	2.83	3.30	1.13	2.21	7.24	4.95	3.88	4.66	62.55	50.56	5.8
40	VICTORY (R)	B-3	TVA	850	15	14.29	6.73	8.27	6.29	7.05	6.04	2.70	4.96	4.20	4.27	3.60	4.08	6.06	4.93	6.08	4.71	6.67	3.46	0.78	3.27	7.02	5.31	3.61	4.77	70.33	58.82	---

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1950 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Y E A R		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	TENNESSEE RIVER - JOHNSONVILLE TO PICKWICK (CONT'D)																															
31	REAGAN (R)	A-3	TVA	600	29	14.65	5.33	6.08	4.30	6.80	4.74	1.67	4.39	5.35	3.98	4.50	3.98	4.33	3.75	5.37	3.54	4.56	3.08	1.40	2.73	6.56	4.04	2.52	4.84	63.79	48.70	---
463	ENVILLE	A-3	TVA	537	11	13.04		6.22		5.83		2.27		5.28		3.83		5.11		7.28		2.71		1.00		5.25		2.53		60.35		2.0
34	SAVANNAH	A-3	USWB	440	68	15.21	5.06	6.60	4.00	#6.06	5.62	2.55	4.92	3.86	4.54	----	4.06	4.76	4.32	8.73	3.86	3.97	3.31	1.07	3.18	6.66	3.80	3.13	5.50	-----	52.17	3.0
34A	SAVANNAH (R)	A-3	TVA	450	6	13.52		6.36		6.39		1.23		5.13		4.83		4.36		6.38		4.21		0.76		6.23		2.98		62.38		---
464	LEAPWOOD (NEAR)	A-3	TVA	540	11	14.06	6.06	6.30	5.74	7.24	6.09	2.54	4.15	4.08	3.27	5.52	3.64	3.15	3.24	8.69	4.38	3.32	3.90	1.59	2.98	6.73	5.10	3.18	4.54	66.40	53.09	3.0
35	SHILOH	A-3	USDI	483	40	13.89	5.75	7.38	4.76	7.14	5.90	2.97	4.82	6.72	4.52	3.93	3.80	5.35	4.18	8.01	3.68	7.12	3.01	1.72	3.30	7.23	4.09	3.14	5.27	74.60	53.08	5.0
36	SELMER	A-3	USWB	438	27	15.12	5.02	----	4.51	7.10	5.78	2.68	4.36	3.78	4.07	5.08	4.23	3.05	3.25	9.83	3.72	3.76	3.37	1.12	3.51	6.95	3.86	3.13	5.09	-----	50.77	---
465	ACTON (NEAR)	A-4	TVA	510	11	13.19		6.67		7.09		2.90		5.44		4.14		4.39		7.63		7.07		1.13		6.42		3.42		69.49		5.0
37	CORINTH	A-4	USWB	470	65	12.88	4.98	6.84	4.26	6.97	5.51	1.81	4.79	5.47	4.50	4.86	3.76	5.85	4.77	8.59	4.02	4.53	3.10	1.26	3.28	5.57	3.72	3.34	5.77	67.97	52.46	5.2
	TENNESSEE RIVER - PICKWICK TO FLORENCE																															
38	PICKWICK LANDING DAM	A-3	TVA	479	16	13.98	6.47	6.68	5.19	6.54	5.34	2.17	4.12	3.56	3.56	3.17	3.90	5.45	3.80	6.34	3.38	5.63	3.07	1.14	3.14	6.25	4.89	3.24	4.38	64.15	51.24	3.0
364	BURNSVILLE SUBSTA.	A-4	TVA	452	13	13.93	6.45	7.62	6.03	7.50	6.04	2.86	4.40	5.19	4.44	3.34	3.40	5.27	3.73	8.56	4.17	5.62	3.05	1.71	2.15	5.64	5.57	3.60	4.57	70.84	54.00	2.5
401	MIDWAY	A-4	TVA	610	12	13.47	6.26	8.49	6.75	6.54	6.03	2.82	4.04	6.12	4.00	3.90	3.74	5.93	3.92	#7.60	3.92	4.16	3.00	1.55	2.34	4.78	5.41	3.72	4.50	#69.08	53.91	3.5
41	BOONEVILLE	A-4	USWB	504	56	11.58	5.13	7.25	4.35	7.58	5.63	1.47	4.90	2.93	4.64	4.45	4.02	8.11	4.15	8.82	3.67	9.10	3.07	1.26	3.10	3.75	3.78	3.63	6.03	69.93	52.47	4.8
42	BISHOP	A-4	TVA	470	16	12.55	6.73	9.06	6.14	8.16	6.64	2.38	4.63	8.31	4.33	2.45	3.72	5.75	4.16	7.48	4.05	4.62	2.94	1.38	2.49	4.36	4.79	3.54	4.18	70.04	54.80	3.0
43	BELGREEN (R)	B-4	TVA	800	16	11.85	6.35	7.44	6.34	9.04	6.85	2.42	4.48	6.21	3.97	4.29	3.64	10.51	5.04	9.53	4.24	2.51	2.84	1.37	2.76	5.89	4.31	2.85	3.98	73.91	54.80	---
568	TISHOMINGO (R)	A-4	USWB	550	10	11.49	6.92	9.40	6.13	7.07	6.47	#2.21	3.18	5.59	4.32	3.39	2.93	6.18	4.11	8.26	4.36	#3.88	3.18	1.37	2.47	3.63	4.84	3.65	4.29	#66.12	53.20	---
630	BELMONT (NEAR)	A-4	TVA	585	8	11.19	8.35	8.90	8.45	8.30	7.46	3.02	4.41	5.97	4.29	4.55	2.78	5.19	3.83	8.03	3.78	5.59	4.28	1.57	2.20	5.26	5.66	4.07	4.24	71.64	59.73	5.0
493	RED BAY	A-4	TVA	627	10	12.44	6.66	7.19	6.34	7.66	6.86	2.03	3.58	4.86	4.15	3.97	3.06	5.64	4.15	9.71	5.07	3.86	3.01	1.42	2.26	6.13	5.37	4.13	4.71	69.04	55.22	2.5
480	HODGES	B-4	USWB	870	13	11.24	6.65	9.07	6.89	#8.90	6.81	1.91	4.21	9.45	4.04	6.16	4.49	6.53	4.58	12.05	4.57	2.72	2.55	1.71	1.72	5.20	4.37	#3.17	4.29	#78.11	55.17	2.9
510	BEXAR (R)	A-4	USWB	-	10	10.61	6.42	8.60	5.42	7.10	6.02	1.34	3.18	----	----	6.43	2.94	2.85	4.34	6.36	3.75	3.65	2.96	0.78	2.12	#3.60	4.23	2.48	4.07	-----	-----	---
44	FULTON	A-4	USWB	335	42	9.44	4.62	9.87	5.53	8.21	5.42	1.37	4.62	6.00	4.74	4.30	3.86	7.81	4.57	7.64	3.59	5.96	2.75	1.31	2.83	4.85	3.50	3.73	5.72	70.49	51.75	1.4
360	HALEYVILLE	B-4	USWB	947	14	11.37	7.19	6.92	6.37	9.19	6.87	1.99	4.20	4.29	3.59	5.41	4.96	8.06	6.23	6.10	4.61	3.13	3.33	1.62	2.15	3.64	4.19	2.49	4.62	64.21	58.31	3.0
360A	HALEYVILLE (R)	B-4	USWB	947	11	10.84	6.50	8.65	6.17	----	----	2.00	3.67	4.09	2.67	5.28	4.19	7.71	5.45	5.08	4.67	2.37	3.05	1.61	1.82	#3.65	4.30	----	----	-----	-----	---
45	WATERLOO	A-4	USWB	430	54	15.51	4.73	8.69	4.52	6.91	5.68	3.07	4.89	----	4.37	2.47	3.98	3.86	4.22	6.56	3.89	2.93	2.99	0.90	3.38	5.95	3.72	3.36	5.35	-----	51.72	---
621	YOUNGS STORE (NEAR)	B-4	TVA	790	6	16.80	8.07	8.05	6.71	7.30	6.31	3.21	4.09	3.28	4.63	1.47	3.42	6.07	5.08	----	----	-- -	----	1.05	2.28	6.20	6.53	3.59	5.27	-----	-----	2.0
462	BARTON	B-4	TVA	463	11	17.06	7.01	10.50	6.94	8.26	6.46	#4.04	4.07	3.29	3.96	4.53	2.97	5.60	3.90	7.78	4.30	2.30	2.78	1.35	2.11	3.18	4.81	3.17	5.42	#71.06	54.73	3.0
	TENNESSEE RIVER - FLORENCE TO GUNTERSVILLE																															
48	FLORENCE (AT LOCK)	B-4	USED	440	16	13.00	4.86	7.12	4.64	7.43	5.71	2.60	4.60	4.91	4.25	4.44	4.47	6.74	4.62	5.89	3.86	2.82	2.85	0.99	3.22	4.51	#3.45	3.11	5.14	63.56	51.67	2.5
504	MUSCLE SHOALS	B-4	USWB	534	67	13.09	4.86	7.89	4.64	6.99	5.71	4.01	4.60	3.62	4.25	4.07	4.47	6.36	4.62	8.10	3.86	1.38	2.85	0.76	3.22	3.93	3.45	3.17	5.14	63.37	51.67	4.0
471	WILSON DAM	B-4	TVA	530	17	14.38	5.91	7.62	5.94	7.79	5.64	3.00	3.97	4.73	3.22	3.65	3.56	6.77	4.07	8.41	3.60	3.38	2.81	0.87	2.38	4.59	4.30	3.43	4.00	68.62	49.40	3.0
49	TVA NURSERY	B-4	TVA	505	16	12.40	5.88	7.72	6.27	7.73	5.70	3.30	4.18	4.88	3.27	4.16	3.54	6.52	4.20	7.21	3.79	1.85	2.62	0.62	2.46	4.89	4.24	#3.34	3.92	#64.62	50.07	4.0
369	IRON CITY	B-3	TVA	540	31	15.10	5.52	9.70	5.64	7.11	5.60	1.98	4.57	7.44	4.56	5.03	3.98	11.33	4.77	8.90	4.63	4.96	3.53	0.80	2.40	6.18	3.92	3.50	5.42	82.03	54.54	3.5
648A	COLLINWOOD	B-3	TVA	950	2	14.20		8.51		6.97		2.52		5.18		3.82		5.23		5.86		7.66		1.38		7.82		3.94		73.09		6.0
681	OVILLA	B-3	TVA	980	3	13.98		10.17		6.55		2.41		4.23		5.38		6.93		4.30		5.31		0.98		7.13		3.75		71.12		4.0
51	LORETTO	B-3	TVA	774	23	17.48	6.23	9.10	5.67	7.02	6.55	3.37	4.80	7.12	4.40	3.53	3.59	10.42	4.97	4.76	4.16	5.25	2.80	0.70	3.13	6.37	4.49	3.53	4.64	78.65	55.43	4.0
691	LAWRENCEBURG	B-3	TVA	850	2	17.93		10.08		6.36		2.13		4.07		4.81		8.56		6.91		4.35		0.87		6.92		2.70		75.69		4.5
50	ETHRIDGE	B-3	TVA	970	15	15.47	6.00	10.91	5.98	5.87	4.97	1.98	4.06	5.61	3.83	4.57	3.28	8.00	4.72	8.60	3.78	3.96	2.88	0.89	2.50	7.53	4.54	3.64	4.19	77.03	50.73	4.0
644	NEWBURG	B-4	TVA	660	7	#11.63	9.10	6.62	7.18	8.51	6.72	3.43	4.13	6.53	3.53	3.88	4.53	7.64	5.45	#6.78	4.57	#2.34	3.73	1.58	1.48	5.12	4.85	1.89	3.80	#65.95	59.07	2.0
52	WHEELER DAM	B-4	TVA	580	15	13.96	6.41	7.67	6.22	7.96	6.05	2.08	3.93	4.06	3.23	3.67	3.54	9.35	4.76	8.08	3.62	3.30	2.35	0.58	2.20	4.75	4.28	3.40	4.19	68.86	50.78	1.5
682	SHOEMAKER SPRINGS	B-4	TVA	610	3	14.84		8.28		7.22		3.09		3.49		5.33		10.64		#10.25		#3.89		0.94		4.06		2.11		#74.14		3.4
381	MOULTON (R)	B-4	TVA	630	12	11.14	6.00	8.15	6.32	7.66	6.23	2.64	3.17	8.07	3.27	3.28	3.80	6.77	3.88	8.26	4.34	2.14	2.62	0.77	1.29	3.86	3.66	2.06	3.59	64.80	48.17	---
53	CENTRAL TOWER	B-4	USFS	1500	16	10.74	5.87	6.52	5.98	7.88	6.60	2.60	4.18	3.35	3.58	5.36	3.62	8.55	4.89	6.47	4.25	2.47	2.66	1.55	2.06	3.80	3.76	2.92	4.18	62.21	51.63	3.0
481	ADDISON (R)	B-4	USWB	875	13	10.09	6.19	7.70	6.62	8.21	5.81	3.58	3.96	2.84	2.74	5.17	4.31	8.84	5.23	8.89	4.37	----	----	1.34	1.82	#3.22	4.17	2.10	4.11	-----	-----	---
62	ATHENS, ALABAMA	C-4	TVA	710	16	#14.25	6.86	7.31	5.79	8.61	6.49	2.70	4.10	3.87	3.24	4.34	3.64	7.51	4.40	8.75	4.11	2.51	2.86	0.84	2.55	2.78	4.27	3.04	4.63	#66.51	52.94	2.5
63	DECATUR	C-4	USWB	573	72	10.09	4.63	7.21	4.43	9.24	5.62	3.50	4.48	4.49	3.83	#4.69	3.79	7.81	4.35	9.36	3.91	3.91	2.37	0.68	3.07	3.01	3.20	2.11	5.04	#66.10	48.72	---
63B	DECATUR NO. 4	C-4	TVA	600	4	10.78		7.42		8.96		3.55		3.83		4.84		6.96		9.69		4.15		0.79		4.23		2.38		67.58		1.0
411	DECATUR NO. 2 SUBSTA.	C-4	TVA	588	12	9.77	5.86	6.73	5.69	8.11	5.92	2.73	3.54	4.17	2.64	5.29	3.40	8.35	4.29	8.83	3.66	3.39	3.33	0.70	1.64	3.96	3.99	2.02	3.96	64.05	47.92	1.2
503	DANVILLE	B-4	TVA	595	10	10.83	6.25	6.83	5.83	8.08	6.15	2.21	3.50	4.98	3.09	4.22	3.11	7.68	3.86	10.46	4.10	2.05	3.67	0.92	1.78	4.57	4.56	2.13	4.26	64.96	50.16	2.5
384	FALKVILLE	C-4	TVA	620	12	10.28	5.71	5.34	6.75	7.99	5.88	1.95	3.48	2.41	3.09	5.84	4.02	4.39	4.84	8.12	4.01	2.21	3.12	1.47	1.91	3.09	4.21	1.99	3.99	55.08	51.01	1.2
513	GARDEN CITY (R)	C-4	USWB	504	10	8.87	5.46	5.26	5.60	10.19	6.91	2.13	4.06	4.12	3.30	4.26	3.41	7.67	5.20	4.82	4.22	2.46	3.25	1.58	2.46	2.76	4.32	2.77	5.16	56.89	53.35	---
474	BELLE MINA (NEAR)	C-4	API	600	21	10.63	5.14	7.03	5.33	9.16	5.94	3.37	3.65	4.06	3.33	3.74	3.26	7.58	4.78	6.94	3.89	2.91	3.28	0.53	2.45	3.90	3.86	1.70	4.71	61.55	49.62	3.0
64	MADISON	C-4	USWB	710	57	9.76	4.63	5.77	4.58	7.82	5.73	2.74	4.83	3.42	3.99	4.58	4.26	8.15	4.62	5.45	3.79	4.48	3.01	0.92	3.39	3.42	3.52	2.17	5.36	58.68	51.71	1.5
65	HUNTSVILLE SUBSTA.	C-4	TVA	615	32	9.42	5.64	5.07	5.07	8.14	5.69	3.00	4.94	2.21	3.71	5.04	4.61	9.15	4.60	4.40	4.09	4.01	2.84	1.31	2.67	3.04	3.60	1.68	4.45	56.47	51.91	1.8
65A	HUNTSVILLE	C-4	USWB	620	10	9.08	4.73	7.36	4.60	7.28	5.76	2.88	4.82	1.20	3.99	2.36	4.31	6.95	4.69	6.57	3.91	5.14	2.96	1.26	3.32	3.17	3.46	1.86	5.41	55.11	51.96	1.5
66	CENTER GROVE	C-4	TVA	780	15	8.39	6.55	6.89	6.63	8.82	6.92	3.11	5.15	4.18	3.62	4.36	4.73	6.61	5.41	5.14	4.90	3.37	3.45	1.54	2.96	2.66	4.67	3.25	4.73	58.32	59.72	1.1
67	ST. BERNARD	C-4	USWB	802	44	8.88	5.51	6.08	4.92	#8.94	5.97	2.32	4.84	3.79	4.49	6.76	4.27	5.09	5.32	5.78	4.66	3.38	2.79	1.71	3.74	2.50	3.72	3.22	5.53	#58.45	55.76	1.5
576	FARLEY	C-4	TVA	670	9	9.43	6.01	7.46	6.88	8.23	6.52	2.90	4.10	3.54	3.52	4.83	3.69	9.04	3.45	4.61	2.99	2.66	3.91	1.09	2.00	3.32	4.19	3.29	4.34	60.40	51.60	1.0
530	MONTE SANO NO. 6	C-4	TVA	1650	10	12.12	7.09	5.79	6.26	10.16	6.80	3.06	4.16	3.30	3.81	5.22	5.08	13.07	5.02	5.79	3.54	5.83	4.42	1.46	2.45	4.08	5.08	1.62	5.21	71.50	58.92	3.2
506	TONEY (R)	C-4	TVA	750	10	12.85	6.63	5.52	5.61	7.17	5.58	1.77	3.41	3.02	2.81	3.38	2.63	7.97	4.30	4.73	2.78	3.94	3.45	0.71	1.79	2.98	4.06	2.21	4.40	56.25	47.45	---
624	NEW MARKET	C-4	TVA	725	8	11.26	8.00	6.61	6.37	8.89	6.70	1.96	4.10	3.55	4.45	2.78	4.22	8.94	4.46	5.46	2.76	4.93	4.26	0.94	2.04	2.88	5.13	1.99	4.49	60.19	56.98	4.5
585	ELORA	C-3	TVA	925	9	13.72	6.41	6.74	6.48	8.02	6.05	1.86	4.40	3.21	3.83	2.00	4.60	7.77	3.25	7.41	3.91	4.43	3.80	1.08	2.22	3.59	4.77	2.00	5.13	61.83	54.85	4.0
69	PAINT ROCK (R)	C-4	TVA	610	15	8.95	6.40	7.21	6.51	9.47	6.18	2.33	4.69	2.67	3.10	4.92	4.20	14.79	4.84	4.78	4.07	6.31	3.50	1.62	2.31	2.99	4.12	2.61	4.61	68.65	54.53	---
385	SWAIM	C-4	TVA	665	12	11.06	6.34	6.58	7.36	9.05	6.38	1.83	4.10	4.34	4.12	3.67	4.43	7.75	4.71	6.74	4.12	4.27	3.26	0.98	2.06	2.86	4.53	2.64	4.75	61.77	56.16	0.8
78	HYTOP	C-4	TVA	1500	16	10.42	6.95	7.01	6.81	8.89	6.63	2.22	5.32	3.90	4.38	4.97	4.40	10.66	5.71	4.87	3.82	6.67	3.50	1.16	2.97	3.11	4.94	2.65	5.22	66.53	60.65	6.0

(#) Interpolated or partly interpolated. (R) Recorder at present.

TENNESSEE VALLEY AUTHORITY

ANNUAL 1950 PRECIPITATION—In Inches

HYDRAULIC DATA BRANCH

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs.of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	ELK RIVER																															
54	BETHEL	B-3	TVA	650	16	15.33	6.78	7.82	6.16	7.62	6.19	2.27	4.22	4.27	4.11	2.42	3.26	9.94	5.88	9.34	3.78	4.20	3.87	0.86	2.74	4.95	4.73	2.55	4.09	71.57	55.81	4.5
382	PULASKI	B-3	TVA	690	12	18.04	6.35	9.20	6.98	6.61	5.71	1.98	3.63	2.86	3.78	2.93	3.32	#6.65	4.47	7.35	4.02	3.59	3.65	0.33	2.04	6.40	4.70	2.48	4.27	#68.42	52.92	3.8
56	LYNNVILLE (NEAR)	B-3	USWB	744	62	16.40	4.87	9.00	4.60	6.13	5.69	1.70	4.83	6.15	4.26	3.26	4.68	6.15	4.86	7.69	4.45	4.55	3.07	T	3.50	8.25	3.39	2.71	5.23	71.99	53.43	3.0
57	COLDWATER	C-3	USWB	645	55	15.00	4.97	6.25	4.64	6.93	5.93	2.51	4.98	3.74	4.35	3.11	4.26	10.27	4.19	6.35	4.24	3.47	2.96	0.85	3.46	4.88	3.70	2.37	5.65	65.73	53.33	4.5
581	BOONSHILL	C-3	TVA	680	9	17.95	7.75	6.79	6.94	8.18	6.23	2.43	3.61	3.71	4.29	4.32	3.36	9.68	4.55	6.98	4.19	4.33	4.32	0.68	1.94	5.65	4.74	2.27	4.84	72.97	56.76	3.2
58	FAYETTEVILLE	C-3	USWB	695	35	16.07	5.14	5.36	5.27	7.38	5.55	1.70	4.17	4.02	4.06	3.02	3.54	6.92	4.92	6.97	3.68	4.53	2.89	0.96	2.90	4.33	4.08	1.83	4.51	63.09	50.71	2.3
605	BELLEVILLE	C-3	TVA	747	9	18.62	8.28	5.84	7.23	7.40	6.29	2.00	3.98	6.31	4.65	4.81	4.32	8.79	5.25	5.43	2.96	5.01	4.34	0.76	2.41	5.71	5.08	2.18	5.06	72.86	59.85	3.2
383	PETERSBURG	C-3	TVA	785	12	20.95	7.16	7.16	7.16	7.31	5.82	1.75	3.67	3.82	4.27	3.84	4.32	10.64	5.60	4.57	3.47	4.39	3.39	0.83	2.00	6.56	4.62	2.15	4.48	73.97	55.96	2.0
582	LYNCHBURG	C-3	TVA	780	9	16.92	7.57	4.50	6.52	7.56	6.35	1.60	3.60	4.70	4.28	4.68	4.10	6.90	4.40	6.09	3.76	6.35	4.79	1.07	2.16	6.33	5.02	2.13	5.11	68.83	57.66	2.5
60	BELVIDERE (R)	C-3	TVA	970	15	12.03	5.90	5.12	5.12	6.62	5.16	1.76	3.92	3.10	3.43	2.89	3.91	6.73	5.36	5.98	4.06	4.47	3.11	0.86	2.38	3.29	3.76	1.79	4.07	54.64	50.18	---
61	TULLAHOMA	C-3	USWB	1065	64	18.13	4.89	5.33	4.63	6.45	5.80	1.62	5.11	3.27	4.29	2.58	4.26	8.60	4.80	4.97	4.44	5.19	3.26	1.18	3.59	6.20	3.59	2.11	5.80	65.63	54.46	2.0
450	WINCHESTER SUBSTA.	C-3	TVA	960	11	15.78	6.46	4.67	5.62	7.47	5.50	1.36	3.79	4.73	4.16	2.53	4.38	8.79	5.96	4.30	4.04	5.72	3.54	1.01	2.75	4.08	4.18	1.89	4.55	62.33	54.93	4.5
701	HILLSBORO	D-3	TVA	1051	1	EST. JAN.11,'50		5.23		7.03		2.00		4.25		2.24		8.14		4.56		3.33		0.90		5.06		1.97		-----		---
472	MONTEAGLE	D-3	USWB	1920	11	14.11	4.97	5.90	4.36	#7.32	5.63	2.28	4.93	3.02	4.60	2.23	5.17	9.51	5.25	7.76	5.09	4.92	3.26	1.51	3.49	3.21	3.87	3.84	5.21	#65.61	55.83	10.5
	TENNESSEE RIVER - GUNTERSVILLE TO CHICKAMAUGA																															
70	GUNTERSVILLE DAM	C-4	TVA	611	15	6.25	5.73	3.80	5.75	8.47	6.12	2.04	4.42	3.73	3.02	4.08	3.77	5.26	4.56	5.24	4.03	4.23	2.84	1.73	2.28	1.74	3.56	2.86	4.29	49.43	50.37	3.1
403	GUNTERSVILLE (R)	C-4	TVA	610	12	6.81	5.89	3.86	5.76	9.02	6.44	1.75	3.94	3.49	2.99	9.36	3.71	6.15	4.34	3.21	3.99	3.42	3.12	1.51	2.33	1.66	3.61	2.93	4.47	53.17	50.59	---
72	ALBERTVILLE	C-4	USWB	1050	25	7.21	5.15	3.36	4.88	9.13	6.29	2.73	4.66	4.42	4.21	----	4.24	5.47	5.01	4.21	4.41	3.42	3.17	1.31	3.27	2.41	3.72	4.02	5.36	-----	54.37	---
482	BOAZ (R)	C-4	USWB	1010	10	7.85	5.62	----	----	8.48	6.55	1.81	4.18	----	----	5.03	3.57	7.25	3.98	4.51	3.92	4.44	4.18	1.57	2.39	1.89	4.17	#3.71	5.02	-----	-----	---
482A	BOAZ	C-4	USWB	1010	13	7.86	5.37	3.92	5.83	9.82	6.75	1.54	4.45	4.54	3.54	4.99	3.98	7.43	4.68	4.54	4.21	#4.61	3.68	1.54	1.98	1.97	4.27	3.66	4.78	#56.42	53.52	1.5
524	SAND MT. STATE FARM	D-4	API	1195	10	7.48	6.19	5.01	6.28	9.59	6.95	2.45	4.51	2.99	3.49	5.55	3.90	7.93	4.55	5.30	4.51	6.18	3.61	1.22	2.60	1.95	4.57	4.18	5.68	59.83	56.84	1.0
483	COLLINSVILLE	D-4	USWB	825	13	7.05	6.31	3.85	6.74	9.92	6.79	2.44	4.67	4.12	3.83	6.26	3.95	11.07	5.16	8.21	4.31	7.28	3.65	1.34	2.13	3.07	4.51	2.99	4.64	67.60	56.69	1.5
515	LEESBURG	D-4	USWB	636	58	4.88	5.16	4.21	5.33	9.59	6.17	2.90	4.65	4.69	3.81	4.27	4.02	13.11	5.35	4.44	4.06	5.10	2.97	2.23	3.23	2.02	3.41	2.82	5.78	60.26	53.94	1.6
75	BOUTE HILL	C-4	TVA	980	15	7.18	6.83	3.46	6.11	9.70	6.40	2.35	4.95	3.28	3.84	5.60	3.75	5.12	4.91	8.94	4.48	5.36	3.22	1.52	2.59	2.40	3.90	3.84	4.85	58.75	55.83	2.5
79	FT. PAYNE (R)	D-4	USWB	920	10	6.68	4.93	4.86	5.76	6.14	6.49	1.64	3.99	2.74	3.70	3.80	3.31	6.54	4.08	5.54	3.16	7.52	4.03	----	----	1.47	2.67	#3.04	5.14	-----	-----	---
79A	FT. PAYNE	D-4	USWB	920	15	7.78	6.42	4.43	6.05	7.17	6.42	1.95	4.77	2.96	3.40	3.91	4.03	7.29	4.68	6.02	3.80	7.63	3.15	1.54	2.39	1.63	3.66	3.04	4.50	55.35	53.27	1.4
80	VALLEY HEAD	D-4	USWB	981	65	6.16	4.85	----	4.84	----	5.65	1.89	5.08	----	4.26	4.61	4.29	6.34	5.01	----	4.56	8.65	2.55	1.37	3.45	2.33	3.16	2.90	5.17	-----	52.87	---
386	SYLVANIA	D-4	TVA	1400	12	7.52	6.27	4.68	6.97	8.20	6.24	1.29	4.14	3.03	3.43	5.13	4.56	7.87	4.19	5.08	3.42	6.04	3.40	0.84	2.12	2.68	4.09	3.55	4.85	55.91	53.68	4.0
76	SCOTTSBORO	C-4	USWB	637	69	8.56	4.82	5.89	4.84	8.52	5.81	1.41	4.81	4.14	3.98	3.96	4.42	8.13	4.97	6.39	4.14	5.92	2.84	1.55	3.27	2.50	3.28	3.38	5.47	60.35	52.65	2.5
76A	SCOTTSBORO SUBSTA.	C-4	TVA	660	4	7.85		5.79		8.92		1.42		4.15		3.62		8.28		6.00		5.58		1.55		2.47		2.69		58.32		3.3
695	PLEASANT GROVE SCHOOL	D-4	TVA	633	2	8.49		7.25		7.52		1.33		4.62		3.59		10.22		7.10		4.50		0.96		2.38		1.65		59.61		2.0
387	FLAT ROCK (R)	D-4	TVA	1380	12	7.44	5.57	4.94	6.27	7.65	5.84	0.90	3.50	2.41	3.78	4.43	3.52	5.74	3.80	5.02	3.32	7.36	2.74	2.02	2.08	2.64	3.89	2.62	4.31	53.17	48.62	---
704	WIDOWS CREEK STEAM PLANT	D-4	TVA	612	1	ESTABLISHED APRIL 26, 1950						----		3.63		3.94		7.30		4.83		7.34		0.86		2.80		2.56		-----		---
704A	WIDOWS CREEK STEAM PLANT (R)	D-4	TVA	612	1	ESTABLISHED APRIL 26, 1950						----		3.63		3.94		7.30		4.83		7.34		0.86		2.80		2.56		-----		---
83	BRIDGEPORT	D-4	USWB	690	54	----	4.81	5.37	4.84	8.60	5.96	----	4.68	3.75	4.18	3.90	4.17	9.98	4.89	4.20	4.06	7.02	2.65	1.95	3.25	2.66	3.32	2.46	5.37	-----	52.18	---
84	SEWANEE	D-3	TVA	1925	57	14.57	5.30	4.71	4.99	6.96	6.04	1.66	4.78	5.83	4.29	2.53	4.82	10.51	5.55	8.60	4.67	6.17	3.12	1.53	3.24	4.52	4.08	3.28	5.04	70.87	55.92	3.5
451	JASPER SUBSTA.	D-3	TVA	650	11	9.43	6.35	5.10	5.92	8.95	6.45	1.86	4.16	3.72	3.49	4.38	3.75	8.76	5.49	4.31	3.53	6.59	2.99	2.02	2.74	3.35	4.70	3.19	5.21	61.66	54.78	3.9
85	LOCKHART TOWER	D-3	TVA	2400	15	13.40	7.19	6.05	6.56	8.25	6.46	1.70	4.80	5.99	4.33	2.69	4.73	8.59	6.69	7.72	5.16	6.80	2.82	1.74	3.17	3.52	4.70	2.89	5.29	69.34	61.90	---
86	DUNLAP	D-3	TVA	730	27	13.00	6.03	4.43	5.01	#8.60	5.35	1.75	4.57	6.27	3.42	5.54	4.29	7.73	5.59	3.68	4.14	5.96	3.21	1.56	2.89	3.34	3.59	3.08	4.98	#64.94	53.07	4.4
438	CAGLE (R)	D-3	TVA	2120	11	13.03	6.01	5.13	5.28	8.69	5.72	1.38	3.79	4.58	3.25	3.48	3.38	5.28	4.75	6.00	4.25	7.37	3.09	1.70	2.79	3.06	3.71	3.53	4.75	63.23	50.77	---
389	COLLEGE JUNCTION	D-3	TVA	800	12	11.86	5.66	4.77	5.78	7.16	5.40	1.18	3.80	6.37	3.70	3.46	4.09	5.48	4.85	5.51	3.80	5.00	3.00	1.99	2.45	2.68	3.82	3.40	4.59	58.86	50.94	4.2
390	LITTON	D-3	TVA	980	12	13.72	5.80	6.97	6.22	7.61	5.45	1.89	3.92	5.80	3.81	3.38	3.93	7.75	6.19	7.90	4.38	5.08	3.33	1.67	2.28	3.65	4.12	4.36	4.99	69.78	54.42	5.5
452	HALES BAR DAM	D-3	TVA	690	11	7.39	5.33	4.68	5.44	7.45	5.53	1.68	3.70	3.19	3.23	4.22	3.86	5.72	4.65	5.91	2.99	6.64	2.97	1.32	2.45	2.79	3.87	2.55	4.48	53.54	48.50	3.0
692	SIGNAL MOUNTAIN	D-3	TVA	1720	2	9.61		4.98		8.27		1.51		4.73		7.14		11.26		4.72		8.11		2.08		3.13		2.91		68.45		3.9
669	RISING FAWN	D-4	TVA	820	4	7.46		4.81		7.11		1.21		3.22		4.95		7.44		6.54		7.72		2.44		2.06		3.15		58.11		1.8
391	LOOKOUT MOUNTAIN	D-4	TVA	2100	20	9.02	5.90	4.95	5.80	9.28	5.89	1.60	3.93	3.25	3.94	5.67	4.43	10.51	5.56	6.79	4.42	9.70	3.49	2.50	3.23	#2.05	4.09	2.96	5.02	#68.28	55.70	4.7
628	FLINTSTONE	D-4	PRIVATE	710	8	7.90	6.85	4.14	6.02	8.30	6.64	1.23	4.54	2.65	4.14	5.08	3.83	6.15	4.84	----	----	10.00	4.44	2.41	3.89	1.77	5.04	2.80	4.14	-----	-----	---
89	CHATTANOOGA	D-3	USWB	750	72	8.11	5.26	4.52	4.88	8.70	5.78	0.93	4.85	3.80	3.79	5.92	4.16	11.47	4.25	6.87	4.03	10.24	3.11	2.23	3.01	2.05	3.36	2.70	5.13	67.54	51.61	3.2
488	CHATTANOOGA AIRPORT (R)	D-3	USWB	671	11	8.21	5.26	5.21	4.88	7.39	5.78	1.10	4.85	5.67	3.79	6.77	4.16	11.27	4.25	4.11	4.03	9.18	3.11	2.20	3.01	1.79	3.36	2.69	5.13	65.59	51.61	2.8
566	CHICKAMAUGA PARK	D-4	USDI	789	10	7.55	6.33	4.18	6.25	8.04	6.18	1.44	3.90	3.86	3.48	5.88	4.08	10.10	6.64	#4.91	3.90	#8.83	4.21	2.36	3.30	1.55	4.16	2.59	5.04	#61.29	57.47	4.5
82	LAFAYETTE	D-4	USWB	810	16	7.48	5.32	5.06	5.63	7.07	5.22	1.38	5.34	3.07	3.53	5.98	4.86	----	5.26	8.03	4.56	----	3.36	2.45	2.69	1.69	3.63	----	4.86	-----	54.26	---
82A	LAFAYETTE (R)	D-4	USWB	810	11	7.15	5.32	5.17	5.63	----	5.22	----	5.34	----	3.53	----	4.86	7.85	5.26	7.75	4.56	10.74	3.36	2.30	2.69	1.42	3.63	2.75	4.86	-----	54.26	---
392	TUNNEL HILL	D-4	TVA	880	12	7.05	5.55	4.34	6.33	6.46	5.61	1.11	3.49	2.74	3.73	5.07	4.30	10.37	4.28	5.87	4.45	8.76	3.56	3.47	2.81	1.66	3.77	2.80	4.54	59.70	52.42	3.2
396	DALTON	E-4	USWB	800	13	7.36	6.51	4.62	6.05	----	5.65	1.86	4.93	2.35	4.03	4.83	4.15	8.19	5.11	4.93	5.12	8.63	3.11	2.07	3.06	1.91	4.06	2.75	4.84	-----	56.62	---
	CANEY FORK ABOVE ROCK ISLAND																															
88	ROCK ISLAND POWERHOUSE	D-3	TVA	900	46	13.94	5.11	7.05	4.70	5.63	5.77	1.84	4.17	5.05	4.13	3.87	4.41	7.16	5.29	4.99	4.31	2.56	3.57	0.79	3.06	5.08	3.55	2.19	4.76	60.15	52.83	4.6
88A	ROCK ISLAND (R)	D-3	USWB	900	11	12.10	5.61	6.91	5.51	4.24	4.56	1.80	3.29	4.57	3.10	2.79	3.49	6.69	5.01	4.46	3.80	2.40	3.31	0.65	2.47	----	----	----	----	-----	-----	---
665	SMITHVILLE	D-3	USWB	1030	7	16.64	5.38	7.65	4.57	4.53	5.99	1.48	4.56	5.12	3.94	5.26	4.57	6.83	4.93	4.97	4.63	2.81	2.91	0.57	3.11	5.97	3.81	2.30	4.41	64.13	52.81	6.9
439	DIBRELL	D-3	TVA	950	11	13.19	5.68	6.53	5.69	5.60	5.28	1.63	3.44	5.03	3.88	3.84	3.68	5.18	4.80	2.94	4.16	2.99	3.62	0.45	2.21	5.60	4.33	1.67	4.22	54.65	50.99	5.5
440	IRVING COLLEGE	D-3	TVA	1050	11	11.91	4.83	5.44	5.17	5.98	5.02	1.18	3.23	4.07	3.03	4.61	3.69	6.07	4.68	4.99	3.68	2.96	2.86	0.88	2.15	4.17	3.44	1.78	3.91	54.04	45.69	3.8
441	ALTAMONT	D-3	TVA	1920	11	16.11	6.46	6.16	6.37	8.55	6.00	1.81	4.28	5.63	3.73	2.41	3.74	6.33	4.70	5.20	4.05	3.47	3.52	1.59	2.49	5.18	4.28	2.59	5.22	65.03	54.84	4.7
87	MCMINNVILLE	D-3	USWB	1015	68	15.10	4.80	5.98	3.94	6.10	5.48	1.98	4.42	4.54	4.02	3.64	4.41	6.37	5.17	6.41	4.16	2.73	3.36	0.66	3.39	5.15	3.30	1.98	4.96	60.64	51.41	5.2
87B	MCMINNVILLE	D-3	TVA	1000	9	14.28	6.71	6.41	6.51	6.28	5.23	1.43	3.28	4.42	3.93	2.70	3.79	7.38	5.70	7.28	4.42	2.45	3.73	0.54	2.15	5.00	4.38	2.19	4.88	60.36	54.71	4.6
442	TROUSDALE	D-3	TVA	980	11	14.75	5.65	5.91	5.96	6.15	5.10	1.78	3.31	4.82	3.41	3.98	3.53	5.26	4.31	4.48	4.41	2.67	3.29	0.85	2.18	5.78	4.07	1.72	4.35	58.15	49.57	2.0
443	SUMMITVILLE (R)	D-3	TVA	1120	11	14.92	6.15	5.72	6.21	7.04	5.74	1.09	3.56	4.53	3.70	4.38	3.45	4.44	4.62	6.01	3.95	3.24	3.20	0.93	2.42	5.50	4.05	1.88	4.38	59.68	51.43	---
437	ROCKY RIVER	D-3	TVA	900	11	12.43	5.49	5.57	5.69	6.11	5.35	1.78	3.50	4.23	3.51	4.59	4.86	6.73	5.51	5.06	4.83	2.84	3.31	1.24	2.49	5.36	3.82	2.02	4.16	57.96	52.52	5.0
432	SPARTA SUBSTA.	D-3	TVA	920	34	14.07	5.16	#7.93	4.40	5.65	5.56	1.64	4.22	5.39	4.04	5.12	4.90	6.35	5.42	6.18	4.70	2.94	3.29	1.37	2.83	5.43	3.54	2.87	4.59	#64.94	52.65	4.5

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1950 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs.of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	CANEY FORK ABOVE ROCK ISLAND (CONT'D)																															
432A	SPARTA (NEAR)	D-3	USWB	900	11	13.15	6.73	7.85	6.23	5.81	4.72	2.42	3.67	7.08	4.07	6.93	3.95	6.24	4.68	6.53	4.33	4.60	3.64	1.45	2.36	6.01	4.65	2.93	4.46	71.00	53.49	---
433	TAYLORS	D-2	TVA	950	11	14.73	5.82	6.84	5.63	5.37	5.39	2.12	3.58	7.77	4.11	6.07	4.33	7.46	5.04	5.30	4.05	3.69	3.70	1.58	2.27	5.89	4.09	2.41	4.78	69.23	52.79	7.1
165	MONTEREY	D-2	USWB	1900	19	16.12	5.27	7.77	5.42	6.09	5.04	3.83	4.57	7.17	4.53	6.42	4.88	6.99	5.36	6.64	5.79	3.90	4.00	1.31	2.80	5.91	3.99	2.85	5.10	75.00	57.65	9.7
165A	MONTEREY (R)	D-2	USWB	1900	3	16.39	5.27	8.15	5.42	4.45	5.94	3.57	4.57	6.61	4.53	6.05	4.88	7.69	5.36	4.95	5.79	3.54	4.00	1.21	2.80	5.65	3.99	2.83	5.10	71.09	57.65	---
434	EASTLAND	D-3	TVA	1750	33	15.19	5.87	7.40	5.10	7.20	6.41	2.58	5.06	6.43	4.15	6.24	5.30	4.97	5.71	6.22	4.78	3.22	3.69	0.86	3.32	4.77	3.47	3.12	5.37	68.20	58.23	5.6
435	HERBERT	D-3	TVA	1660	11	13.05	5.48	6.16	5.58	6.58	5.19	1.44	3.87	4.47	3.27	3.29	3.55	5.47	4.99	5.56	4.31	3.32	2.94	1.19	2.46	2.80	3.35	3.36	4.50	56.69	49.49	6.5
436	FALLS CREEK PARK	D-3	TVA	1500	11	13.13	5.38	6.14	5.82	7.08	5.10	1.49	3.71	4.47	3.48	3.45	3.77	7.19	6.26	7.92	4.68	3.88	3.37	1.85	2.78	4.34	3.68	3.18	4.86	64.12	52.89	4.7
532	BLEDSOE STATE FOREST	D-3	TENN	1700	10	12.97	5.28	5.67	5.24	DISCONTINUED MARCH 7, 1950																				-----	-----	---
	TENNESSEE RIVER - CHICKAMAUGA TO WATTS BAR																															
90	CHICKAMAUGA DAM	D-3	TVA	700	15	9.38	6.71	4.16	5.65	8.11	5.74	1.34	4.53	5.24	3.80	6.13	4.24	10.69	5.48	4.85	3.60	7.64	2.98	1.90	3.11	2.81	4.01	3.13	5.19	65.38	55.04	---
430	OOLTEWAH	D-3	TVA	765	11	9.17	6.00	4.78	5.36	#7.74	5.79	1.39	3.42	4.14	3.37	6.62	3.96	9.49	5.43	7.64	4.55	8.17	3.23	3.49	3.39	2.64	3.69	3.53	5.01	#68.80	53.20	3.0
393	LEWIS CHAPEL	D-3	TVA	1850	12	13.13	6.68	4.76	6.43	8.17	6.54	1.96	4.37	5.93	3.87	4.30	4.78	6.01	5.11	4.50	4.19	7.00	3.18	1.78	2.68	2.86	4.49	3.74	5.33	64.14	57.65	4.2
685	FRIENDSHIP SCHOOL	D-3	TVA	760	3	9.38		4.47		8.44		1.18		5.74		4.58		9.79		8.01		7.20		3.01		2.53		3.41		67.74		4.5
420	MORGANTOWN	D-3	TVA	740	11	11.05	6.18	5.85	5.43	7.33	5.98	1.44	4.49	6.18	3.83	5.41	4.67	7.84	6.09	5.14	4.22	6.64	3.49	2.58	3.02	3.22	4.32	4.23	5.22	66.91	56.94	---
92	MORGAN SPRINGS	D-3	TVA	1900	16	12.02	7.35	6.82	5.99	8.20	6.06	1.25	4.93	6.24	4.31	6.40	4.80	8.47	6.18	6.61	5.38	6.36	3.14	2.24	3.81	3.70	4.78	5.00	5.13	73.31	61.86	4.8
156	BREEDENTON	E-3	USWB	700	55	10.58	4.76	4.52	4.85	7.98	5.87	0.96	4.84	4.85	4.20	5.59	4.67	7.54	5.01	6.76	4.36	7.37	3.20	2.61	3.31	3.81	3.72	4.10	6.05	66.67	54.84	6.9
427	RIDDLES STORE	E-3	TVA	980	11	9.44	5.86	5.63	5.29	7.63	5.33	1.52	3.76	4.78	3.67	5.50	3.68	6.75	6.28	7.29	4.40	5.49	3.20	2.10	3.36	3.16	3.91	3.83	4.64	63.12	53.38	11.2
494	PORTER LAKE	E-3	TVA	725	10	10.37	6.33	5.99	5.22	7.10	5.66	1.51	4.29	5.35	3.90	4.65	3.61	9.39	5.48	6.73	3.22	7.31	3.66	2.33	3.38	3.19	4.43	4.00	5.12	67.92	54.30	8.0
	TENNESSEE RIVER - WATTS BAR TO KNOXVILLE																															
421	WATTS BAR DAM	E-3	TVA	830	11	11.47	6.03	5.79	5.35	7.30	5.52	1.28	4.16	6.47	3.99	4.86	3.81	9.46	5.74	6.50	3.24	7.24	3.51	2.51	3.06	3.16	4.06	4.18	4.83	70.22	53.30	---
157	RODDY (R)	E-3	TVA	800	15	12.59	6.29	5.91	5.50	5.93	5.25	1.00	4.39	5.63	3.82	3.69	3.26	5.80	5.83	7.77	3.54	4.30	3.07	1.26	2.92	2.51	3.98	3.59	4.99	59.94	52.84	---
479	ROCKWOOD	E-3	PRIVATE	910	32	12.71	5.46	6.66	5.53	6.15	5.33	1.20	4.30	8.99	4.21	3.87	4.00	7.53	5.29	5.54	3.81	5.94	3.66	0.99	2.41	3.30	4.39	4.97	5.24	67.85	53.63	4.0
170	LOUDON	E-3	USWB	800	56	9.39	4.38	5.78	4.36	6.21	5.03	1.30	4.62	5.90	3.77	2.80	4.58	7.12	4.33	5.10	4.44	3.38	3.38	1.75	3.13	2.43	3.44	3.92	5.62	55.08	51.08	8.5
490	FORT LOUDOUN DAM (R)	E-3	TVA	880	10	9.41	5.68	6.47	5.48	5.97	4.77	1.02	3.31	4.74	3.79	3.52	2.86	6.71	6.98	6.30	2.99	3.16	3.35	1.47	2.92	2.57	3.65	3.77	4.54	55.11	50.32	---
490A	FORT LOUDOUN DAM	E-3	TVA	880	10	9.92	5.71	6.69	5.45	6.17	4.78	1.14	3.32	4.85	3.81	3.68	2.89	7.11	7.05	6.57	3.03	3.46	3.40	1.41	2.94	2.60	3.66	3.84	4.56	57.44	50.60	6.8
637	U. S. COTTON FIELD STA.	F-3	USDA	885	16	9.57	5.79	6.49	5.38	6.20	4.98	1.47	3.85	6.16	3.63	5.05	3.43	7.28	5.70	6.05	3.71	2.21	2.47	1.52	2.55	2.55	3.41	3.22	4.03	57.77	48.93	---
409	KNOXVILLE AIRPORT (R)	F-3	USWB	984	12	9.39	4.66	5.72	4.51	5.17	5.05	1.06	4.14	5.42	3.75	3.10	4.10	7.43	4.36	4.37	3.92	1.75	2.68	1.55	2.62	2.48	3.07	3.07	4.52	50.51	47.38	7.9
205	ALCOA	F-3	ALCOA	900	35	9.23	5.20	5.57	4.90	7.08	5.60	1.86	4.16	5.62	3.78	4.01	4.21	8.51	5.28	5.86	3.93	1.61	2.96	2.98	2.85	2.45	3.41	3.29	4.50	58.07	50.78	---
394	PROVIDENCE	F-3	TVA	1100	12	9.21	4.80	5.91	4.94	6.53	4.83	0.87	3.22	5.57	3.38	4.44	3.74	7.28	5.09	4.62	3.90	#2.72	2.66	1.63	2.35	2.75	3.18	3.45	3.95	#54.98	46.04	4.6
497	WALLAND	F-3	TVA	900	10	7.61	5.07	5.42	4.89	6.83	4.98	0.96	3.10	6.20	3.99	3.61	3.38	6.81	6.11	4.79	4.58	2.57	3.00	2.41	3.10	2.36	3.45	3.14	4.28	52.71	49.93	5.7
473	UNIV. TENNESSEE FARM (R)	F-3	J.T.	800	13	9.91	4.97	6.28	5.63	5.86	4.69	1.69	3.87	7.59	3.99	4.85	4.11	6.24	6.34	4.41	3.93	2.40	2.68	1.32	2.19	2.94	3.60	3.51	4.10	57.00	50.10	---
473A	UNIV. TENN. FARM LYSIMETER PLOT	F-3	U.T.	850	31	9.79	4.68	6.44	5.04	5.95	5.04	1.69	4.20	7.37	4.08	4.94	4.29	5.99	5.44	4.38	4.35	2.08	2.77	1.19	2.62	2.83	3.50	3.55	4.69	56.20	50.70	---
207	KNOXVILLE (R)	F-3	USWB	1035	80	9.83	4.66	6.74	4.51	4.56	5.05	1.78	4.14	6.92	3.75	4.94	4.10	6.47	4.36	4.18	3.92	1.85	2.68	1.03	2.62	2.77	3.07	3.21	4.52	54.28	47.38	---
651	UNIV. TENN. GEOLOGY BLDG. (R)	F-3	U.T.	974	80	9.65	4.66	6.46	4.51	4.69	5.05	1.56	4.14	6.93	3.75	----	4.10	8.18	4.36	4.36	3.92	1.78	2.68	1.22	2.62	2.36	3.07	3.15	4.52	-----	47.38	---
658	KNOXVILLE GARAGE	F-3	TVA	890	5	9.56		6.74		5.62		1.68		7.74		5.67		7.66		#4.91		2.07		1.23		#3.23		3.21		#59.32		---
653	WHITTLE SPRINGS	F-2	TVA	1070	6	8.30		6.67		5.36		1.47		9.51		5.39		7.77		6.80		2.07		1.08		3.13		3.34		60.89		---
655	RITTA	F-2	TVA	1030	6	8.98		7.13		5.36		1.42		8.01		4.37		5.02		5.35		1.74		1.76		2.95		2.91		55.00		7.0
657	FOUNTAIN CITY	F-2	TVA	970	5	8.99		6.53		5.50		1.24		9.45		5.00		6.54		6.21		1.87		1.08		3.28		3.47		59.16		7.5
	CLINCH RIVER BELOW NORRIS DAM																															
158	KINGSTON	E-3	USWB	760	59	12.25	4.55	6.83	4.41	6.26	5.41	1.02	4.62	6.42	3.82	3.61	4.54	4.71	4.89	8.80	3.95	5.10	3.38	1.06	3.02	2.93	3.45	4.20	5.43	63.19	51.47	5.6
484	HARRIMAN (R)	E-3	TVA	765	29	12.47	4.80	6.66	5.09	6.03	5.69	1.16	4.50	8.35	3.95	3.12	4.17	6.89	5.95	4.44	3.44	4.86	3.12	1.07	2.66	3.34	3.80	4.45	4.71	62.84	51.88	---
606	MORGAN STATE FOREST	E-2	TENN	1100	9	15.54	7.69	#8.15	7.32	5.91	5.64	----		DISCONTINUED APRIL 3, 1950																-----	-----	---
705	MORGAN	E-3	TENN	1310	1	ESTABLISHED APRIL 3, 1950						----		12.05		3.87		8.41		3.84		7.03		1.10		2.96		4.77		-----	-----	---
167	PETROS	E-2	TVA	1400	16	15.53	6.89	8.38	6.06	6.29	5.60	2.20	4.52	9.60	4.77	6.07	4.43	9.04	5.89	6.47	5.18	6.13	3.47	1.06	3.10	3.93	4.54	4.94	5.34	79.64	59.79	5.5
160	PILOT MOUNTAIN	E-2	TVA	1400	15	14.03	5.78	6.41	4.98	5.47	4.64	2.65	3.52	11.16	4.25	5.73	3.77	6.04	4.75	5.96	4.81	6.72	3.16	1.76	2.53	2.82	3.47	4.75	4.17	73.50	49.83	8.1
485	SUNBRIGHT (R)	E-2	USWB	1480	11	13.96	5.98	5.40	4.89	4.01	4.57	2.21	3.16	7.38	3.86	3.87	4.38	6.10	4.37	3.39	4.15	5.16	3.16	1.06	2.52	#3.65	4.10	3.35	4.27	#59.54	49.41	---
164	CLARKRANGE	D-2	TVA	1800	15	13.84	5.91	6.31	4.82	5.35	4.78	1.60	3.63	6.44	3.73	5.42	3.83	5.00	4.82	4.90	4.17	3.71	2.94	0.45	2.35	4.18	3.81	2.86	4.15	60.06	48.94	8.0
159	HEBBERTSBURG	E-2	TVA	1800	16	12.44	5.76	6.92	5.52	5.71	4.96	1.99	4.19	6.17	3.89	3.71	3.69	6.70	5.61	3.53	4.48	6.72	3.24	1.02	2.91	4.16	4.07	5.07	4.77	64.14	53.09	7.3
163	CROSSVILLE (NEAR)	D-2	USWB	1920	39	14.79	4.99	6.78	4.65	6.32	5.92	1.96	4.79	7.04	4.10	4.90	4.52	5.22	5.62	7.74	4.55	3.40	3.30	0.93	3.17	5.31	3.34	3.29	5.24	67.68	54.19	---
507	LANTANA (R)	D-3	TVA	1910	10	14.73	6.43	6.86	5.38	6.58	5.03	2.03	3.64	6.34	3.49	2.90	3.48	5.07	4.23	5.63	3.81	3.49	3.22	1.17	2.42	3.04	3.72	3.74	5.24	61.58	50.09	---
699	BIG LICK	D-3	TVA	1840	1	14.53		7.13		7.47		1.73		5.50		3.78		7.31		7.12		5.37		1.40		3.23		4.32		68.89		3.8
418	FRANKFORT	E-2	TVA	1460	11	12.58		6.10		5.15		2.06		6.30		3.25		4.43		4.37		4.76		0.82		3.27		3.26		56.35		6.1
417	CROSSVILLE	D-3	TVA	1850	12	13.49	5.40	6.19	5.54	6.06	5.31	1.89	3.54	6.70	3.72	4.61	3.86	5.00	4.21	4.78	4.34	3.63	3.12	0.98	2.70	4.55	3.70	3.37	4.65	61.25	50.09	3.6
166	CONCORD (NEAR)	E-3	TVA	1000	16	10.30	5.27	6.36	4.79	5.57	4.67	0.48	4.25	6.48	3.56	2.03	3.08	6.80	5.62	5.00	2.88	1.78	2.36	1.12	2.23	2.67	3.46	4.49	3.99	53.08	46.16	---
508	PAULETTE	F-2	TVA	1050	10	10.75	5.71	6.03	5.11	4.74	4.79	0.85	3.07	8.86	3.59	3.21	3.45	5.36	4.88	3.39	4.22	2.96	3.46	1.25	2.70	3.00	3.94	3.51	4.24	53.91	49.16	5.7
676	OAK RIDGE (NEAR) (R)	E-3	C&CCCO.	900	4	11.10		6.31		5.28		1.50		7.01		3.47		8.13		10.31		3.83		1.76		3.09		4.29		66.08		7.5
169	CLINTON TVA NURSERY	E-2	TVA	850	62	13.13	4.69	7.39	4.58	5.51	5.51	1.10	4.50	9.68	3.68	3.84	5.16	8.87	5.00	7.61	4.57	3.62	3.18	1.43	2.77	3.83	3.39	3.96	5.32	69.97	52.35	8.5
424	LAKE CITY SUBSTA.	E-2	TVA	860	11	12.29	5.80	5.80	5.34	4.83	5.28	1.59	3.33	7.95	4.35	4.32	3.59	6.24	5.59	4.50	4.43	4.21	3.63	0.86	2.52	DISCONT'D NOV. 10, 1950				-----	-----	---
371	VASPER	E-2	TVA	990	13	10.20	5.40	5.81	5.42	4.37	4.93	1.78	3.80	8.38	3.88	3.23	3.66	4.34	4.74	3.24	4.04	4.32	3.06	1.02	2.09	3.97	4.07	3.90	4.67	54.56	49.76	8.0
322	NORRIS EVAPORATION STA. (R)	E-2	TVA	1020	14	11.09	5.80	5.60	5.08	4.63	4.93	1.07	3.59	8.62	4.19	4.71	3.76	4.98	4.57	4.70	3.36	3.29	2.57	0.77	2.49	3.59	3.81	3.80	3.69	56.85	47.84	---
323	NORRIS DAM	E-2	TVA	875	17	10.47	5.56	5.34	5.00	4.21	5.22	0.99	3.49	9.40	4.25	5.26	3.58	5.26	4.57	3.75	4.13	3.75	2.86	0.85	2.36	3.67	3.71	3.91	4.09	56.86	48.82	10.5

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1950 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	CLINCH RIVER ABOVE NORRIS DAM																															
584	TURLEY	E-2	TVA	1410	9	12.28	6.07	6.46	5.27	5.26	4.97	1.55	3.28	13.09	5.69	6.86	4.70	6.73	4.84	5.56	5.09	3.99	3.54	0.94	2.63	3.86	4.35	4.32	4.11	70.90	54.54	---
523	ELK VALLEY (NEAR)	E-2	USWB	1250	10	13.34	5.61	6.10	4.90	4.64	4.53	1.96	3.24	7.85	4.46	6.00	3.86	8.11	6.26	3.31	5.05	4.17	3.43	1.12	2.34	3.64	3.90	3.02	4.12	63.26	51.70	5.4
325	LAFOLLETTE	E-2	TVA	1065	17	10.57	5.14	6.16	4.53	5.24	4.35	1.22	3.53	14.51	4.15	5.85	4.23	6.76	5.18	5.09	4.83	3.54	2.64	1.09	2.20	3.99	3.60	4.39	3.78	68.41	48.16	8.5
423	WESTBOURNE SUBSTA.	E-2	TVA	1340	11	11.25	5.17	6.34	4.58	5.18	4.77	1.68	3.64	11.12	4.67	5.91	4.26	7.56	6.41	6.55	4.62	2.59	2.86	1.42	2.50	4.58	3.59	4.07	4.08	68.25	51.15	11.0
326	WELL SPRING	F-2	TVA	1040	13	9.52	4.65	5.66	4.75	4.32	4.45	1.13	3.19	12.95	4.42	5.32	3.81	6.95	4.91	4.94	3.83	2.98	2.61	0.88	2.28	3.60	3.41	3.65	3.66	61.90	45.97	5.5
333	ARTHUR	F-2	TVA	1150	15	9.85	5.79	5.88	5.01	4.62	4.82	1.47	3.39	8.28	3.60	4.95	4.11	6.04	5.91	6.63	4.76	1.83	2.58	1.20	2.57	3.91	3.52	2.94	3.92	57.60	49.98	---
334	MIDDLESBORO	F-2	USWB	1128	59	11.36	4.43	7.03	4.20	----	5.30	2.04	4.38	7.91	4.05	5.80	4.56	4.56	4.84	3.01	4.17	2.15	2.61	1.30	2.49	4.18	3.37	----	4.47	-----	48.87	----
338	ROSE HILL	F-2	TVA	1475	17	9.73	5.81	5.90	4.83	4.90	5.17	1.76	3.87	6.68	4.07	4.40	4.59	5.65	5.95	3.81	4.78	1.76	2.59	0.87	2.66	4.35	3.54	3.07	3.73	52.88	51.59	---
487	BAXTER (NEAR) (R)	F-2	USWB	1175	11	10.30	4.94	4.78	4.09	3.78	4.12	2.00	3.10	6.68	3.54	3.88	4.43	6.53	5.66	3.28	4.83	3.12	2.80	1.71	2.33	3.55	3.21	3.65	3.68	53.26	46.73	---
339C	JONESVILLE NO. 3 (R)	F-2	VPI	1525	4	----		----		4.00		1.43		6.28		5.67		----		----		----		----		----		----		-----		---
339B	JONESVILLE NO. 2	F-2	TVA	1375	16	9.09	5.28	5.98	4.69	4.72	4.92	1.71	3.84	8.12	3.69	4.51	4.55	6.02	5.91	6.44	5.02	1.53	2.42	1.36	2.46	3.60	3.16	3.06	3.79	56.14	49.73	15.8
340	PENNINGTON GAP	F-2	USWB	1386	19	9.77	5.27	5.49	4.82	5.51	5.40	2.11	3.87	5.89	3.58	6.41	4.30	5.91	5.52	5.47	4.47	#2.17	2.37	1.07	2.54	4.36	2.84	3.29	4.04	#57.45	49.02	25.0
341	OLINGER	G-2	TVA	1400	16	10.34	5.34	5.35	4.37	4.74	4.87	2.22	3.51	6.75	4.06	6.30	4.58	4.27	5.47	4.40	5.01	3.19	2.56	2.19	2.57	4.25	3.10	3.03	3.65	57.03	49.09	26.5
344	HIGH KNOB (R)	G-2	TVA	4150	16	7.44	5.39	4.87	4.36	#4.64	5.15	1.87	3.98	8.29	4.22	----	----	5.58	7.03	5.31	6.53	5.43	3.29	2.08	2.94	#3.85	3.09	#2.39	3.36	-----	-----	---
342	DUNBAR, VIRGINIA	G-2	TVA	2000	16	9.63	5.06	4.65	4.27	4.46	4.78	2.09	3.84	7.64	4.15	6.07	4.66	4.99	6.17	4.27	5.27	3.84	2.76	1.97	2.66	4.44	3.28	3.34	3.49	57.39	50.39	16.6
327	WHITE HOLLOW (R)	F-2	TVA	1500	16	9.30	5.22	5.62	4.59	4.24	4.39	1.25	3.04	12.43	3.73	5.78	3.29	8.14	4.67	3.70	3.25	1.84	2.07	1.07	2.19	3.03	3.35	3.37	3.70	59.77	43.49	---
563	WALKERS FORD	F-2	TVA	1080	10	9.45	4.89	6.40	4.85	4.41	4.50	1.75	2.88	11.63	4.13	4.50	3.41	5.95	5.25	3.34	3.90	2.36	2.42	1.39	2.40	2.85	3.69	3.17	3.85	57.20	46.17	9.1
335	TAZEWELL, TENNESSEE (NEAR)	F-2	TVA	1330	45	9.07	4.85	5.85	4.53	4.50	4.99	1.91	4.00	12.02	4.02	4.74	4.08	6.81	4.73	3.95	4.69	2.23	2.92	1.00	2.74	2.76	3.03	2.86	4.55	57.70	49.13	8.1
336	BIG SYCAMORE (R)	F-2	TVA	2300	16	8.43	4.86	5.30	4.25	4.19	4.55	1.23	3.18	8.34	3.58	4.71	3.79	4.69	5.14	4.09	4.22	2.80	1.98	1.03	1.99	2.76	2.72	2.03	3.36	49.60	43.62	---
673	THORN HILL	F-2	TVA	1430	4	8.61		6.33		4.65		1.44		11.15		4.91		4.13		2.62		1.94		1.26		2.28		2.51		51.83		5.6
348	CLINCHPORT	G-2	TVA	1260	55	9.59	4.25	6.04	4.04	4.36	4.78	1.79	3.53	7.46	3.62	6.86	4.26	5.97	4.96	4.61	4.52	1.69	2.90	1.47	2.47	3.71	2.81	2.83	4.11	56.38	46.25	15.0
349	DUNGANNON	G-2	TVA	2500	16	7.55	4.58	5.23	3.90	3.77	4.13	2.07	3.06	7.90	3.05	5.69	4.22	7.41	6.08	2.45	4.38	4.07	2.77	1.52	2.41	2.99	2.69	3.22	3.28	53.87	44.55	15.4
350	DANTE	G-2	USWB	1765	34	7.48	3.94	3.08	3.60	3.55	4.47	1.37	3.54	9.53	4.42	4.47	4.72	3.26	5.90	4.94	4.83	5.09	3.32	0.92	2.95	3.93	2.86	----	3.59	-----	48.14	---
351	CLEVELAND, VIRGINIA	G-2	TVA	1540	17	6.41	3.95	#4.25	3.57	3.80	3.96	1.41	3.08	9.56	3.68	4.56	4.69	4.64	5.85	3.47	5.69	4.11	2.93	1.66	2.56	3.06	2.82	3.01	3.03	#49.94	45.81	11.0
352	HONAKER (NEAR)	G-1	TVA	2200	16	5.13	3.90	4.32	3.58	3.49	3.91	2.41	3.29	10.02	3.94	5.52	4.80	6.11	5.62	5.53	5.15	6.75	3.30	1.93	2.94	3.23	2.86	2.76	3.00	57.20	46.29	15.6
614	HONAKER (R)	B-1	TVA	1950	9	5.64	3.85	4.05	3.83	3.56	3.63	1.56	2.92	8.49	4.26	5.41	4.04	5.67	4.84	3.64	4.47	5.57	3.37	2.32	2.61	3.09	2.48	2.62	3.21	51.62	43.51	---
355	SPRING CREEK (R)	H-2	TVA	3150	16	4.18	2.83	2.75	2.44	3.13	2.67	0.76	2.04	6.42	3.24	DISCONTINUED JUNE 1, 1950														-----	-----	---
355A	SPRING CREEK (R)	H-2	TVA	2340	2	5.20		2.84		3.89		1.17		7.11		4.14		6.17		5.75		3.14		1.33		2.33		2.48		45.55		---
353	SWORDS CREEK	H-1	TVA	1900	16	7.00	3.79	4.32	3.49	4.17	3.88	2.02	3.34	10.58	4.18	5.53	4.15	7.22	5.70	4.58	4.79	4.20	2.92	2.14	2.52	3.36	2.44	2.71	2.79	57.83	43.99	20.0
356	JEWELL RIDGE	H-1	TVA	2750	16	5.63	3.72	3.67	3.48	3.96	3.87	1.46	3.10	6.73	3.73	6.34	4.85	5.42	5.26	5.67	4.93	3.44	2.68	1.49	2.72	3.43	2.74	2.74	2.80	49.98	43.88	34.1
357	TAZEWELL, VIRGINIA	H-1	TVA	2450	16	5.52	3.43	3.72	3.22	4.35	3.67	2.06	2.86	8.04	3.89	6.34	4.22	4.46	4.83	3.61	3.84	2.81	2.96	1.42	2.37	3.58	2.38	3.43	2.88	49.34	40.55	23.5
	HOLSTON RIVER																															
395	STRAWBERRY PLAINS	F-2	TVA	910	12	8.45	4.59	7.33	5.25	4.48	4.32	1.08	3.01	6.80	3.72	4.26	3.40	5.95	4.89	3.80	3.03	1.93	2.71	1.60	2.11	2.77	3.18	2.24	3.69	50.69	43.90	---
289	JOPPA	F-2	TVA	980	16	9.39	5.66	7.21	4.88	4.32	4.89	1.18	3.92	9.09	3.74	3.94	3.31	6.16	4.71	2.46	4.06	2.73	2.36	1.82	2.40	2.02	3.31	2.78	3.60	53.10	46.84	4.5
489	CHEROKEE DAM	F-2	TVA	1000	10	8.46	4.82	6.95	5.04	4.83	4.26	1.53	2.76	8.08	3.75	5.22	3.48	4.50	5.48	3.27	4.04	2.93	2.78	2.57	2.36	2.41	3.25	2.54	3.71	53.29	45.73	5.0
486	JEFFERSON CITY (NEAR) (R)	F-2	USWB	1200	30	8.90	4.32	5.98	4.13	3.97	4.20	1.71	3.46	5.38	3.54	3.50	3.73	4.21	4.88	3.67	4.14	#2.52	2.42	1.34	2.70	2.70	2.60	2.44	4.14	#46.32	44.26	---
579	JEFFERSON CITY EVAPORATION STA.	F-2	TVA	1200	9	9.00	5.04	6.35	5.40	4.87	4.40	1.43	2.71	6.76	4.21	4.89	3.35	4.21	5.04	3.86	4.14	3.03	3.23	1.46	2.24	2.86	3.40	2.60	4.12	51.32	47.28	8.0
290	MORRISTOWN (NEAR)	F-2	TVA	1325	16	8.20	5.35	7.48	5.04	4.80	4.97	1.29	3.41	7.24	3.68	3.79	3.66	4.81	5.81	3.62	4.49	3.68	2.93	2.08	2.39	2.78	3.46	2.70	3.82	52.47	49.01	15.3
346	FLAT GAP	F-2	TVA	2000	15	8.98	5.32	6.64	4.74	4.90	4.46	1.59	3.31	11.28	3.70	6.69	3.67	5.22	5.43	2.81	4.26	2.10	2.51	1.76	2.30	2.07	3.06	2.74	3.68	56.78	46.44	---
291	ROGERSVILLE	G-2	TVA	1090	66	8.36	3.86	6.30	3.71	5.00	4.58	1.47	3.57	8.37	3.74	4.54	4.17	5.32	4.65	3.05	3.99	1.89	2.83	1.32	2.63	2.95	2.59	2.75	4.22	51.32	44.54	11.0
347	LITTLE WAR GAP	F-2	TVA	2000	16	8.39	4.98	5.63	4.34	5.01	4.88	1.31	3.50	10.78	3.52	4.31	3.66	4.79	5.92	4.59	4.04	1.42	2.67	1.21	2.35	3.69	3.02	2.49	3.62	53.62	46.50	13.6
516	STANLEY KNOBS (R)	G-2	TVA	1250	10	7.68	4.14	5.56	4.19	4.91	4.11	1.92	2.92	6.99	3.54	4.61	3.84	3.63	4.97	5.30	4.32	1.52	2.25	0.98	2.18	2.92	2.53	2.52	3.61	48.54	42.60	---
314	HIO KNOB (R)	G-2	TVA	3150	16	6.89	4.14	5.50	3.74	4.51	3.76	0.78	2.78	7.29	2.96	4.99	2.70	6.19	4.96	5.05	3.63	1.62	2.52	1.12	2.23	3.43	2.52	3.04	3.03	50.41	38.97	---
315	MENDOTA	G-2	TVA	1350	46	7.81	4.19	5.09	3.68	4.79	4.51	1.61	3.68	7.62	3.93	5.51	4.35	6.95	5.07	4.52	4.41	3.21	3.05	1.86	2.89	2.77	2.74	3.23	3.83	54.97	46.33	15.1
316	HOLSTON	G-2	TVA	3450	16	6.81	3.82	4.65	3.72	4.41	3.71	1.69	2.81	10.32	3.52	6.91	3.84	6.21	4.94	2.39	4.00	3.74	2.46	1.14	2.69	3.26	2.55	3.55	3.02	55.08	41.08	---
318	SALTVILLE	H-2	USWB	1735	29	6.95	3.60	4.10	3.61	4.29	4.43	1.29	3.04	9.12	3.81	4.13	4.26	4.22	5.03	2.86	4.38	2.94	2.94	0.96	2.82	2.83	2.55	2.63	3.49	46.32	43.96	14.5
318A	SALTVILLE	B-2	TVA	1725	10	6.59	3.71	3.91	3.15	3.89	3.54	0.96	2.39	8.22	4.32	4.10	3.83	4.06	4.50	2.73	5.07	3.18	3.01	0.91	2.10	2.45	2.47	2.40	3.20	43.40	41.29	9.5
320	BURKES GARDEN	B-1	USWB	3075	55	4.19	3.68	3.21	3.58	4.56	4.63	0.73	3.60	6.25	4.13	----	4.70	5.81	4.62	2.69	4.42	2.85	3.33	0.57	2.95	3.63	2.88	----	3.52	-----	46.04	23.3
535	KINGSPORT RESERVOIR	G-2	TVA	1870	10	8.84	4.39	6.95	4.42	4.54	4.02	1.47	2.73	6.92	3.09	4.97	3.81	3.73	4.57	5.08	4.48	3.78	3.16	1.02	2.17	2.62	3.15	2.85	3.63	52.77	43.62	11.5
693	FALL BRANCH	G-2	TVA	1460	2	6.02		5.87		4.27		1.20		7.45		6.20		3.96		2.81		2.50		0.78		2.29		2.85		46.20		5.2
293	KINGSPORT	G-2	USWB	1270	29	7.49	3.65	5.48	3.80	4.54	3.81	1.42	3.47	8.70	4.09	5.22	3.83	3.93	5.10	6.09	4.29	4.22	2.72	0.91	2.62	2.23	2.45	2.85	3.96	53.08	43.79	8.3
707	BOONE DAM	G-2	TVA	1375	-	ESTABLISHED DECEMBER 8, 1950																						----		-----		---
376	BRISTOL AIRPORT (R)	G-2	USWB	1545	13	8.38	3.65	5.36	3.80	4.37	3.81	1.53	3.47	9.71	4.09	4.86	3.83	4.45	5.10	5.65	4.29	3.20	2.72	1.16	2.62	2.38	2.45	3.45	3.96	54.50	43.79	13.8
688A	NORTH BRISTOL SUBSTA., VIRGINIA	G-2	TVA	1740	3	7.30		5.71		4.90		1.69		8.46		7.13		4.26		4.54		2.32		1.00		2.23		2.70		52.24		9.5
495A	BRISTOL, VIRGINIA	G-2	USWB	1800	18	7.62	2.93	3.37	3.48	4.38	4.22	1.77	2.96	8.25	3.41	6.55	4.26	4.31	5.10	3.54	3.80	2.58	2.68	2.12	2.12	----	2.74	----	3.51	-----	41.21	---
688	BRISTOL (NEAR), VIRGINIA	G-2	TVA	1920	2	7.39		5.14		5.44		1.78		8.63		5.12		3.86		4.04		2.05		0.93		2.39		2.42		49.19		15.0
307	WALLACE (NEAR)	G-2	TVA	1885	15	6.82	4.23	4.88	3.51	4.66	3.30	1.63	2.54	9.75	3.44	4.30	3.74	4.00	5.08	4.15	4.30	2.66	2.93	0.99	2.17	2.18	2.39	2.54	2.81	48.56	40.44	11.2
306	BLUFF CITY	G-2	TVA	1540	54	6.99	3.71	4.84	3.65	4.92	4.35	1.91	3.33	8.29	3.80	5.78	4.11	4.91	5.57	4.70	4.45	2.42	2.94	1.41	2.56	1.80	2.45	3.30	3.52	51.27	44.44	8.0
597	SOUTH HOLSTON DAM	G-2	TVA	1525	5	7.46		4.94		5.64		1.97		10.85		6.39		5.01		5.58		2.18		1.48		2.52		3.26		57.28		9.2
308	CRANDULL	H-2	TVA	3405	16	7.87	4.68	5.36	4.19	5.89	4.44	2.07	3.62	9.89	4.95	6.02	4.52	4.72	6.42	3.91	5.08	3.18	3.66	0.85	2.79	3.24	3.08	3.52	3.57	56.52	51.00	28.0
616	MCQUEENS KNOB (R)	B-2	TVA	3885	8	#7.60	4.37	5.87	4.33	5.82	4.00	1.80	3.26	9.44	4.44	6.15	4.54	5.39	5.60	3.00	4.58	2.65	3.69	DISCONTINUED OCT. 11, 1950						-----	-----	---
604	ABINGDON (R)	H-2	TVA	2000	9	6.98	4.35	5.20	4.28	4.65	4.12	1.49	2.88	8.88	4.55	7.21	3.73	5.02	5.51	3.22	5.37	2.56	3.05	0.86	2.27	2.32	2.78	2.81	3.45	51.20	46.34	---
317	EMORY	B-2	USWB	2205	23	5.93	3.54	3.96	3.31	4.38	4.12	1.38	3.05	6.55	3.77	5.59	3.79	5.59	4.02	3.09	4.84	2.26	2.69	0.72	2.43	1.89	2.26	2.48	3.35	43.82	41.17	---
312	MARION	B-2	TVA	2200	44	6.14	3.32	3.92	3.41	4.29	3.80	1.10	3.05	9.29	4.05	3.48	4.75	6.49	4.78	5.14	4.53	3.39	2.85	0.96	2.45	2.79	2.40	3.30	2.90	50.29	42.29	21.5
613	GROSECLOSE	H-2	TVA	2570	8	5.91	3.72	2.93	3.32	3.47	3.40	0.58	2.89	5.93	4.67	3.89	3.59	5.77	4.74	5.38	4.65	2.81	3.50	0.65	2.27	2.67	2.90	3.12	3.08	43.11	42.73	---

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1950 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	HOLSTON RIVER (CONT'D)																															
613A	GROSECLOSE (R)	H-2	TVA	2590	1	ESTAB. FEB. 28, 1950				3.28		0.58		5.78		3.41		8.92		5.26		2.90		0.83		2.44		2.58		----		---
313	WYTHEVILLE	H-2	USWB	2299	75	4.06	3.08	----	2.99	----	3.44	0.75	2.99	6.71	3.66	4.06	4.20	4.85	4.00	5.19	4.19	2.54	3.30	1.04	2.84	2.98	2.14	3.01	2.92	----	39.75	---
309	DAMASCUS	H-2	USWB	1950	24	7.42	3.37	4.82	3.66	5.20	3.92	1.47	3.35	8.36	4.32	8.58	4.07	3.44	5.72	4.40	4.46	2.89	3.32	1.27	2.37	2.59	2.42	3.65	2.95	54.09	43.93	21.9
675	WHITETOP MOUNTAIN	H-2	TVA	5470	4	6.50		4.38		5.15		0.90		7.87		8.55		5.10		4.52		4.63		1.59		2.49		4.78		56.46		66.5
310	LOVES MILL	H-2	TVA	2060	16	7.06	3.97	4.91	3.34	4.17	3.50	1.39	2.85	10.13	4.39	6.15	3.98	5.58	5.23	3.54	4.71	2.54	2.84	0.90	2.33	2.13	2.39	3.60	2.82	52.10	42.35	20.2
311	TROUT DALE (R)	H-2	USWB	3120	16	5.57	4.06	3.45	3.71	3.93	4.16	1.28	3.59	7.29	4.35	4.11	4.18	4.56	6.05	4.02	5.18	2.99	3.57	1.84	2.66	2.84	3.04	5.24	3.29	47.12	47.84	---
408	SUGAR GROVE	H-2	USFS	2680	12	5.04	3.28	3.09	3.14	3.63	3.42	0.88	2.97	6.14	4.00	4.67	4.08	5.71	5.27	3.29	4.87	2.87	2.70	1.08	1.99	2.72	2.53	4.73	2.92	43.85	41.17	---
294	CEDAR CREEK	G-2	TVA	1750	16	6.48	4.20	4.79	3.88	5.07	4.25	1.49	3.04	9.28	3.45	4.47	3.66	4.56	5.78	2.89	3.69	1.90	3.05	1.07	2.40	1.97	2.66	2.97	3.25	46.94	43.31	7.8
689	JOHNSON CITY SUBSTA.	G-2	TVA	1580	3	6.30		5.39		5.39		1.87		7.32		4.35		5.09		4.81		2.26		1.01		1.80		3.49		49.08		4.2
416	JOHNSON CITY VETERANS HOSPITAL	G-2	TVA	1730	33	6.95	3.53	4.38	3.46	5.19	4.12	2.12	3.22	6.33	3.91	5.19	4.12	3.63	5.11	3.47	4.30	1.74	2.84	0.75	2.49	2.31	2.49	3.99	3.44	46.05	43.03	15.5
652A	JOHNSON CITY E.T.S.C. (R)	G-2	ETSC	1700	2	7.21		4.55		4.90		2.86		9.46		4.85		3.16		3.06		2.03		1.16		1.85		4.37		49.46		9.4
295	ELIZABETHTON NO. 2	G-2	TVA	1512	59	5.97	3.44	4.89	3.34	4.55	4.23	1.81	3.30	6.92	4.17	4.61	4.88	4.72	5.26	4.29	4.49	3.52	2.92	1.17	2.54	1.47	2.22	3.29	3.32	47.21	44.11	9.5
225	STONE MOUNTAIN	G-2	TVA	2590	16	5.27	4.66	4.88	4.61	5.79	5.01	1.00	3.60	7.01	3.96	7.15	4.73	5.36	7.06	3.15	4.39	2.86	3.30	0.83	2.62	1.94	3.18	3.70	3.35	48.94	50.47	19.3
686	HAMPTON	G-2	TVA	1825	3	5.37		4.05		4.80		1.76		4.97		5.41		4.20		5.00		3.12		0.88		2.48		3.28		45.32		14.5
296	WILBUR DAM	G-2	TVA	1630	23	6.56	4.00	5.09	3.87	5.16	4.81	1.86	3.77	6.32	4.66	6.94	4.46	6.86	6.48	5.69	4.62	3.89	3.16	DISCONTINUED OCT. 14, 1950						-----	-----	---
596	WATAUGA DAM	G-2	TVA	1714	4	6.65		5.39		5.62		2.31		6.04		7.10		7.15		5.51		3.89		1.11		2.92		3.80		57.49		11.5
297	COLESVILLE	G-2	TVA	2130	16	6.63	4.11	3.96	3.96	#3.68	3.68	1.17	2.63	7.99	3.71	6.03	4.06	3.19	5.27	3.01	4.61	3.39	3.28	1.55	2.38	2.13	2.91	2.32	3.26	#45.05	43.86	13.9
491	BUTLER (R)	G-2	TVA	2070	10	6.42	3.78	4.70	3.33	5.33	3.79	1.57	2.82	5.93	3.83	6.97	4.40	5.13	6.22	2.86	3.97	3.40	3.10	0.88	1.96	1.84	2.69	3.16	3.12	48.19	43.01	---
645	MAYMEAD	H-2	TVA	2250	7	5.86	4.23	#2.19	3.52	4.74	3.83	1.00	3.68	6.52	4.52	3.68	3.76	5.25	5.14	2.05	4.17	1.31	2.93	1.22	2.62	----	----	3.98	3.17	-----	-----	---
609	TRADE	H-2	TVA	3530	8	4.72		3.83		4.90		1.62		6.59		5.73		4.72		2.80		6.08		1.86		2.92		5.32		51.09		34.0
301	MOUNTAIN CITY	H-2	TVA	2410	42	4.77	3.78	3.32	3.52	3.66	4.25	1.54	3.46	5.54	4.09	4.54	4.56	3.44	5.82	1.95	4.93	2.72	3.04	1.24	2.61	2.23	2.31	3.23	3.29	38.18	45.66	14.0
304	PARKER	H-2	USWB	3950	33	5.80	4.20	3.54	3.50	4.78	4.60	1.66	3.90	8.47	3.90	6.70	5.90	4.93	5.20	2.76	5.80	----	3.60	2.02	3.30	2.99	2.20	4.46	3.60	-----	49.70	36.9
305	JEFFERSON	H-2	USWB	2900	45	2.40	3.20	2.56	3.40	4.56	4.20	0.81	3.80	7.75	4.40	3.28	5.00	4.60	4.90	5.76	5.20	5.88	4.20	3.55	3.90	2.25	2.60	6.27	4.20	49.67	49.00	19.4
298	ODOMVILLE	G-2	TVA	2760	16	5.63	3.94	3.94	3.84	5.27	4.17	1.70	3.40	8.38	4.25	8.17	4.76	4.74	6.83	1.93	4.49	3.11	3.24	1.10	2.59	2.35	3.00	3.81	3.02	50.13	47.53	18.2
299	BANNER ELK	H-2	USWB	3710	43	4.08	3.72	3.88	3.78	4.40	5.33	1.60	4.24	5.96	4.85	3.80	5.37	5.85	6.26	6.03	5.85	8.04	4.43	2.40	4.91	2.89	2.60	5.42	4.59	54.35	55.93	---
300	REESE	H-2	TVA	3320	16	5.23	3.84	4.38	3.92	5.50	4.10	1.55	3.35	6.29	4.45	5.36	4.12	5.62	6.38	3.59	4.77	3.75	3.42	1.53	2.91	3.02	3.08	4.41	3.08	50.23	47.42	27.0
607	MAST	H-2	TVA	2670	8	3.61		2.84		4.37		0.98		5.84		4.95		3.95		3.67		3.83		1.00		1.91		5.80		42.75		19.5
694	RICH MOUNTAIN GAP (R)	H-2	TVA	4350	4	4.90		4.84		7.30		1.65		7.36		5.80		4.83		3.80		8.87		2.77		3.78		7.66		63.56		---
303	BOONE	H-2	USWB	3332	22	2.65	3.64	3.61	3.15	4.57	5.03	1.36	4.40	8.34	4.59	3.53	5.93	5.92	6.05	7.23	6.18	6.63	4.23	3.63	6.02	3.11	2.94	7.26	5.24	57.84	57.40	18.4
632	BLOWING ROCK	H-2	USWB	3600	7	0.89	3.97	3.00	3.45	3.86	6.01	1.42	4.18	7.51	5.82	6.89	5.36	----	----	8.62	6.86	5.24	6.32	2.35	4.42	----	----	6.23	3.40	-----	-----	---
	HIWASSEE RIVER BELOW HIWASSEE DAM																															
93	BIG SPRING	H-3	TVA	720	15	9.18	6.59	4.01	5.36	8.11	5.47	1.41	4.49	6.04	3.92	4.39	4.18	8.32	5.58	5.26	4.38	6.58	3.03	3.08	3.16	3.03	3.82	4.26	4.67	63.67	54.65	5.5
429	CLEVELAND SUBSTA.	H-3	TVA	880	10	8.91	5.81	3.89	5.35	7.44	5.73	1.53	3.66	4.48	4.02	6.41	3.70	7.29	4.37	6.58	3.55	6.65	3.34	3.29	3.54	4.02	4.10	3.96	4.97	64.45	52.14	5.2
98	CHARLESTON	H-3	TVA	720	58	7.62	5.06	3.90	4.98	6.72	5.75	1.21	4.56	7.22	3.99	7.21	4.72	5.84	4.78	5.09	4.01	4.97	2.93	3.72	3.09	2.66	3.47	4.03	4.96	60.19	52.30	6.2
428	ATHENS SUBSTA.	H-3	TVA	940	11	8.29	5.98	5.38	5.12	8.39	5.69	1.41	3.67	8.31	4.33	6.11	3.62	6.44	5.59	6.43	4.58	4.34	3.63	3.35	3.46	2.63	3.78	4.31	4.74	65.39	54.19	---
C17	NEW BETHEL (R)	H-3	TVA	900	6	8.23	7.11	3.51	4.90	7.32	4.60	1.37	3.20	7.32	4.34	5.42	4.21	6.08	4.02	6.21	4.42	3.79	3.28	2.97	3.69	#2.29	4.66	3.64	4.17	#58.15	52.60	---
C19	DOUBLE SPRINGS (R)	H-3	TVA	820	7	8.07	7.71	3.40	5.07	7.89	5.22	1.02	3.38	6.42	4.51	5.94	4.08	6.86	4.41	6.77	4.12	5.06	3.97	3.86	3.47	1.82	4.72	3.63	4.25	60.74	54.91	---
C11	ENGLEWOOD	H-3	TVA	820	7	7,86	7.71	2.99	4.88	7.65	4.90	1.34	3.48	7.95	4.54	6.08	3.56	7.69	5.33	5.06	3.52	4.15	3.82	3.10	3.48	1.85	4.57	2.87	4.12	58.59	53.91	---
C5	HICKORY GROVE (R)	H-3	TVA	1040	7	8.66	7.73	4.47	5.25	8.02	5.05	1.98	3.71	9.00	5.22	7.65	4.57	5.31	4.51	5.37	3.77	3.46	3.91	3.31	3.49	2.28	4.39	3.26	4.38	62.77	55.98	---
C7	CENTER	H-3	TVA	980	7	8.07	7.92	4.73	5.20	7.09	4.69	1.35	3.44	6.93	4.48	5.79	3.36	7.59	5.56	4.23	3.56	3.30	4.18	3.57	3.59	2.44	4.56	2.75	4.16	57.84	54.70	---
99	PARKSVILLE DAM	H-3	TVA	750	26	7.38	4.83	4.40	4.74	7.89	5.59	1.25	4.22	4.94	4.05	5.00	4.93	9.72	4.99	9.05	3.95	4.44	2.97	2.26	2.79	2.76	3.32	2.99	4.59	62.08	50.97	---
627	CONASAUGA (NEAR) (R)	H-3	USWB	775	7	7.07	7.02	4.23	5.79	----	----	#1.28	3.55	5.15	3.84	4.31	3.58	----	----	----	----	----	----	2.19	3.53	2.47	4.76	2.67	3.88	-----	-----	---
690	DOUBLE SPRINGS GAP (R)	H-4	USWB	1000	5	----		5.08		7.65		1.93		5.63		4.48		----		4.32		3.85		1.88		2.58		3.12		-----		---
100	OCOEE NO. 2 POWERHOUSE	H-3	TVA	860	36	8.21	5.05	5.15	4.69	8.24	5.67	2.09	4.31	5.75	4.10	4.91	4.20	9.31	5.50	4.95	4.26	3.66	3.16	2.64	3.17	2.84	3.67	3.28	4.73	61.03	52.51	---
101	SASSAFRAS KNOB (R)	H-3	TVA	3300	16	7.00	6.54	6.01	5.79	7.88	6.04	1.34	4.88	4.10	4.00	5.05	4.17	6.93	6.09	6.02	4.74	2.96	3.04	2.32	3.26	2.25	4.09	4.29	4.99	56.15	57.63	---
502	BOYD GAP (R)	H-3	TVA	1520	10	6.86	5.90	4.95	5.64	8.32	6.37	1.63	3.36	4.28	3.63	4.38	4.47	9.78	6.27	4.93	4.48	2.81	2.91	2.84	3.32	2.16	3.77	3.86	4.97	56.80	55.09	---
501A	DUCKTOWN (R)	H-3	TVA	1600	11	5.55	5.07	4.42	4.85	7.18	5.52	1.54	3.22	4.97	3.68	3.70	4.44	10.25	5.68	4.40	4.04	2.35	2.68	2.48	3.28	1.81	3.46	3.17	4.36	51.82	50.28	---
106	ISABELLA (R)	H-3	TVA	1780	16	5.46	5.65	4.99	4.99	7.54	5.78	1.97	4.25	5.03	3.66	4.11	4.02	9.94	6.04	4.30	3.96	2.42	2.61	1.89	2.97	1.90	3.35	3.45	4.26	53.00	51.54	---
107	COPPERHILL	H-4	USWB	1624	37	6.35	5.28	4.79	4.70	7.72	5.28	1.82	4.95	4.79	4.09	3.43	4.22	10.42	5.22	3.86	4.34	2.52	3.41	2.41	2.90	2.14	3.22	3.38	5.96	53.63	53.57	2.9
431	COPPERHILL NO. 2 SUBSTA.	H-3	TVA	1600	15	5.86	6.28	4.63	5.48	7.77	6.10	1.79	4.33	6.42	3.78	3.88	4.42	11.68	6.61	4.01	4.51	2.91	2.97	2.47	3.15	1.93	3.43	3.24	4.87	56.59	55.93	2.6
109	FLAT TOP (R)	H-4	TVA	3650	16	12.31	10.26	8.18	8.67	10.08	8.56	4.16	6.52	3.75	5.14	8.83	6.17	9.23	8.89	4.52	5.88	6.37	3.99	4.16	4.18	3.10	6.11	3.94	7.54	78.63	81.91	---
110	BLUE RIDGE DAM	H-4	TVA	1560	30	5.72	5.69	4.74	5.30	7.35	5.99	2.39	4.94	4.18	4.45	3.58	4.12	7.74	5.48	4.49	4.27	2.97	2.80	3.13	2.78	2.22	3.69	3.26	5.96	51.77	55.47	---
111	STANLEY GAP (R)	H-4	TVA	2300	16	6.81	7.11	4.83	6.32	8.66	6.48	2.01	5.19	5.66	3.98	4.28	4.16	6.50	5.82	3.00	4.82	4.79	2.74	3.95	2.88	1.74	4.33	3.51	5.39	55.74	59.22	---
112	NOONTOOTLA CREEK	H-4	TVA	1960	16	5.72	6.46	5.93	6.59	9.17	6.98	2.38	5.14	7.34	4.50	5.39	4.51	9.16	6.26	4.14	5.62	4.62	3.00	3.95	3.35	1.52	3.88	4.13	5.01	63.45	61.30	---
633	DIAL POST OFFICE	H-4	TVA	1900	3	6.42		5.22		9.18		2.37		6.56		4.86		8.54		3.96		4.30		3.57		1.31		4.02		60.31		3.9
115	SUCHES	H-4	TVA	2800	16	8.19	7.94	5.93	7.33	8.75	7.98	3.76	6.10	8.46	5.37	6.24	5.21	11.63	7.53	8.18	7.66	6.89	4.16	7.28	4.67	1.56	5.69	5.16	6.42	82.03	76.06	---
120	COKER CREEK	H-3	TVA	1650	16	6.99	6.16	5.12	5.58	8.30	6.16	1.75	4.52	4.87	4.22	6.29	4.28	7.13	5.94	5.41	4.59	3.32	2.68	2.64	2.76	3.43	3.87	4.42	4.57	59.67	55.33	7.6
638	APALACHIA POWERHOUSE	H-3	TVA	880	7	8.13	6.97	4.64	6.73	7.99	5.78	1.91	4.21	4.43	4.75	5.60	4.15	8.61	6.15	6.86	3.96	2.65	3.20	2.46	3.36	4.06	4.52	3.54	4.34	60.88	58.12	6.6
575	FARNER	H-3	TVA	1550	9	7.02	6.22	5.01	6.12	7.97	6.45	1.41	3.89	4.44	4.61	4.02	4.12	7.22	6.23	6.79	4.08	3.08	3.43	2.12	3.42	2.65	4.08	4.07	5.34	55.80	57.99	5.3
121	TURTLETOWN	H-3	TVA	1600	16	6.80	6.29	5.74	5.93	8.32	6.49	2.76	4.65	4.73	3.93	4.89	4.36	7.65	5.92	6.03	4.43	2.88	2.78	2.35	3.13	2.88	3.74	3.52	4.63	58.55	56.28	---
575A	APALACHIA DAM (R)	H-3	TVA	1176	9	6.69	6.01	4.96	6.16	7.68	6.62	1.46	3.68	4.38	4.47	4.99	3.90	8.36	6.52	7.15	4.95	3.06	4.02	2.10	3.27	2.82	4.04	3.75	5.17	57.40	58.81	---

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1950 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs.of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Y E A R		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	HIWASSEE RIVER ABOVE HIWASSEE DAM																															
125	HIWASSEE DAM (R)	E-3	TVA	1500	13	6.87	5.56	5.10	5.51	8.03	6.06	1.85	4.15	5.66	4.04	5.14	4.44	6.47	5.71	4.36	3.86	1.76	2.49	2.02	2.68	3.15	3.45	3.51	4.48	53.92	52.43	---
125A	HIWASSEE DAM NO. 2	E-3	TVA	1310	11	6.70	5.79	4.83	5.52	8.30	6.36	1.91	3.81	6.09	4.20	5.41	4.06	6.63	5.66	4.75	4.11	1.73	2.83	1.77	2.87	3.34	3.62	4.15	4.85	55.61	53.68	---
126	BEAVERDAM CREEK	E-3	TVA	2100	16	9.21	7.51	7.37	6.61	8.93	7.51	3.16	5.59	6.08	4.75	8.22	5.27	7.57	7.61	6.12	6.07	3.47	3.49	2.10	3.59	3.47	4.47	4.48	5.88	70.18	68.35	4.6
127	LETITIA	E-3	TVA	1800	13	7.34	5.95	4.28	5.90	8.44	6.45	2.85	4.41	4.74	4.28	3.26	4.70	13.21	6.45	2.80	4.43	2.91	2.85	2.56	2.96	2.44	3.79	3.20	4.92	58.03	57.09	3.5
129	SWEET OUM (R)	E-4	TVA	1800	16	6.01	6.06	4.70	5.46	7.77	5.73	2.33	4.72	5.47	3.53	2.76	4.02	10.16	5.45	2.28	4.16	2.84	2.56	2.55	2.58	2.34	3.41	2.81	4.44	52.02	52.12	---
573	NOTTELY DAM	E-4	TVA	1740	9	5.33	5.57	3.91	5.78	7.59	5.98	2.75	3.61	3.80	4.26	2.91	3.84	9.54	5.28	1.60	4.03	3.39	2.80	3.00	2.88	1.51	3.31	2.71	4.61	48.04	51.95	2.1
131	HEMPTOWN GAP	E-4	TVA	2050	16	5.18	5.63	3.91	5.38	7.96	5.72	1.98	4.44	4.84	3.99	4.63	3.91	8.51	5.91	2.52	4.75	3.57	2.58	3.55	2.84	1.38	3.27	3.18	4.00	51.21	52.42	2.0
133A	BLAIRSVILLE NO. 2	F-4	TVA	1825	18	4.78	5.82	4.34	5.48	7.82	5.38	1.95	4.01	6.04	4.19	3.44	3.77	8.38	5.19	4.69	4.51	4.59	3.10	3.79	3.19	1.59	3.02	4.12	5.28	55.53	52.94	2.0
570	CHOESTOE	F-4	TVA	1900	8	5.08	6.21	4.31	6.21	7.82	7.52	2.06	3.86	5.42	4.74	3.33	4.38	7.58	5.52	5.93	4.42	4.83	4.10	4.42	3.55	1.50	4.05	3.78	4.36	56.06	58.92	2.6
135	NEEL GAP (R)	F-4	TVA	3300	16	5.38	7.18	3.68	6.34	7.19	6.67	3.09	5.14	4.59	4.08	5.25	4.58	9.34	6.53	4.65	7.00	6.31	4.13	6.63	4.09	1.11	4.68	3.45	5.60	60.67	66.02	---
136	MURPHY EVAPORATION STA. (R)	E-3	TVA	1575	76	6.80	5.64	4.82	5.61	8.43	6.28	2.69	4.76	5.33	4.04	4.26	5.01	13.42	5.82	2.94	5.11	2.36	3.19	2.65	3.11	2.19	3.74	2.94	5.22	58.83	57.53	---
138	TOMOTLA	F-3	TVA	1575	15	7.21	6.72	6.46	6.28	8.51	6.25	3.19	4.89	5.16	4.06	4.72	4.36	11.80	7.50	2.99	5.03	2.14	2.88	3.48	3.11	2.17	3.46	3.38	4.91	61.21	59.45	3.4
140	HYATT CREEK	F-3	TVA	2450	16	11.80	8.06	9.08	7.46	9.12	7.98	4.02	5.84	7.11	5.48	8.07	5.78	9.48	8.00	4.33	6.15	3.77	3.52	3.21	4.02	3.45	4.51	3.75	6.38	77.19	73.18	6.8
141	ANDREWS	F-3	USWB	1840	42	7.21	5.40	5.57	5.50	8.97	6.60	4.40	4.70	4.84	5.00	4.67	5.10	11.01	6.10	5.27	5.00	2.81	3.80	2.18	3.40	2.45	4.00	3.91	6.80	63.29	61.40	2.3
362	TEYAHALEE BALD (R)	F-3	TVA	4750	13	10.57	7.34	7.74	6.83	10.03	7.35	4.34	5.04	7.96	5.05	9.50	5.96	9.45	7.67	3.48	5.21	3.36	3.83	2.73	3.04	2.71	5.04	3.96	5.74	75.83	68.10	---
146	YOUNG HARRIS	F-4	TVA	1920	13.	5.72		3.97		8.16		2.62		5.62		3.69		8.96		4.50		4.10		3.51		1.71		3.15		55.71		1.9
147	BRASSTOWN BALD (R)	F-4	TVA	4780	16	6.50	6.36	4.37	5.56	8.02	6.52	2.33	5.17	7.60	4.52	4.09	4.42	7.58	6.43	6.69	6.28	7.26	4.31	5.79	4.20	1.87	4.05	5.37	5.04	67.47	62.86	---
144	ANDREWS DAM	F-3	NP.CO.	1670	16	5.41	4.86	3.68	4.50	8.74	5.05	2.33	3.99	3.48	3.09	3.44	3.93	8.27	6.36	1.97	4.08	2.11	2.34	2.61	2.66	2.02	2.77	2.09	3.60	46.15	47.23	---
572	CHATUGE DAM	F-3	TVA	1930	9	5.56	5.68	4.51	5.88	8.02	5.93	2.55	3.76	5.07	4.40	2.84	3.77	7.52	5.29	4.84	3.93	2.38	3.37	2.83	2.80	1.66	3.43	3.28	4.43	51.06	52.67	1.1
152	GLADE GAP (R)	F-3	TVA	3800	16	7.33	6.69	6.75	6.32	8.78	6.48	3.17	4.79	7.58	4.50	6.02	4.95	14.22	7.79	4.46	5.74	5.89	3.60	3.10	3.35	2.29	3.85	3.56	5.07	73.15	63.13	---
153	LITTLE HIGHTOWER	F-4	TVA	2150	16	5.20	5.60	4.63	5.44	8.28	6.69	2.17	5.02	5.59	4.26	4.74	4.79	6.89	6.81	5.87	5.83	6.55	4.15	4.14	3.76	1.30	4.13	5.59	5.13	60.95	61.61	1.5
574	TITUS	F-4	TVA	2180	9	5.91	5.95	5.64	6.39	8.77	7.91	2.43	5.02	6.51	5.29	4.36	4.91	8.27	6.68	6.92	6.33	7.35	5.41	4.41	4.18	1.47	4.56	6.25	5.21	68.29	67.84	1.4
154	TRAY MOUNTAIN (R)	F-4	TVA	3900	16	6.14	7.56	4.76	6.32	7.56	7.32	2.97	5.83	4.94	5.12	5.50	4.68	12.27	7.91	8.27	8.19	7.45	5.29	7.37	5.06	1.09	4.98	5.58	6.14	73.90	74.40	---
	LITTLE TENNESSEE RIVER BELOW FONTANA DAM																															
171A	MCGHEE	E-3	TVA	810	47	8.39	4.42	5.51	4.33	6.86	5.18	1.20	4.30	7.11	3.86	4.75	4.34	7.42	4.70	5.78	3.98	1.47	3.32	2.99	2.96	2.53	3.25	3.55	5.24	57.56	49.88	7.0
173	KITTIE	E-3	TVA	1000	16	#8.57	5.86	4.87	4.97	7.68	5.32	2.11	4.00	6.79	4.17	5.79	3.19	6.34	4.89	4.05	4.43	1.62	2.44	3.42	2.89	2.61	3.52	3.54	3.98	57.39	49.66	6.1
174	TELLICO PLAINS	E-3	TVA	940	37	7.80	4.35	4.41	4.30	6.87	5.47	1.58	4.52	6.55	4.32	7.11	5.08	7.04	5.45	4.15	4.95	2.45	3.16	4.24	3.08	3.33	3.30	3.47	5.70	59.00	53.68	6.6
374	TELLICO RANGER STA.	E-3	USFS	1100	12	7.96	5.70	5.76	5.34	6.54	5.21	1.98	4.10	3.88	4.08	5.31	4.63	7.89	5.39	4.13	4.31	2.48	2.49	3.17	2.78	2.67	3.64	4.13	4.05	55.90	51.72	---
179	HAW KNOB (R)	E-3	TVA	4900	16	11.22	7.94	8.79	7.16	9.59	7.39	3.15	5.52	7.38	5.61	9.49	5.92	8.43	8.91	4.30	6.76	3.68	3.89	2.34	3.69	4.07	4.64	3.33	5.83	75.77	73.26	---
175	MINT	E-3	TVA	920	16	7.54	5.70	5.11	5.08	7.27	5.22	1.49	3.68	5.09	4.05	4.45	3.60	6.72	6.14	3.21	5.36	1.95	2.95	2.41	2.80	3.06	3.56	3.51	4.26	51.81	52.40	8.6
668	ABRAMS CREEK	F-3	USDI	1400	5	7.82		5.47		8.35		2.06		6.58		5.33		8.26		2.49		2.38		3.04		3.31		3.61		58.70		---
176	CALDERWOOD POWERHOUSE	F-3	ALCOA	950	20	8.28	5.01	5.01	5.09	8.50	5.46	2.34	4.20	5.81	4.44	6.01	4.00	11.98	6.07	5.06	5.44	1.77	2.60	3.53	3.15	3.03	2.96	4.58	4.16	65.90	52.58	---
178	CHEOAH DAM	F-3	ALCOA	1110	21	7.14	5.43	5.29	5.61	8.15	5.98	2.23	4.49	6.62	4.53	5.66	4.52	7.94	6.14	6.08	5.20	1.59	2.98	2.12	3.23	2.39	3.10	5.48	4.95	60.69	56.16	---
180	SANTEETLAH DAM	F-3	ALCOA	1960	20	9.69	6.44	4.96	5.88	9.96	6.19	1.96	4.37	4.86	3.97	6.75	4.04	6.98	5.45	5.67	4.99	2.12	2.53	2.30	2.83	2.50	3.62	4.32	5.59	62.07	55.90	---
550	SANTEETLAH GAP	F-3	TVA	2650	10	9.77	8.23	6.05	7.22	9.97	7.21	3.18	4.40	5.79	5.00	7.29	5.53	6.37	6.50	5.08	4.66	2.62	4.04	1.93	3.48	3.11	4.93	4.35	6.42	65.51	67.62	4.2
660	TWENTYMILE	F-3	USDI	1310	5	8.77		5.77		9.92		2.54		7.09		6.07		7.72		3.39		1.67		2.08		2.30		#4.49		#61.81		4.9
592	FONTANA DAM	F-3	TVA	1312	9	7.15	6.22	4.91	6.03	7.76	5.86	2.36	3.66	6.07	4.77	6.93	4.83	6.47	6.03	3.68	4.46	1.80	3.43	2.71	2.94	2.48	3.84	3.87	5.14	56.19	57.21	---
	LITTLE TENNESSEE RIVER ABOVE FONTANA DAM																															
181	PROCTOR	F-3	TVA	1735	16	8.60	6.83	5.44	6.25	9.85	6.09	2.65	4.61	7.32	4.36	7.62	4.72	7.41	6.70	4.22	4.48	2.72	3.06	2.46	3.08	2.32	3.55	#3.93	4.88	#64.54	58.61	3.4
182	STECOAH	F-3	TVA	2350	16	8.52	7.11	#5.06	6.16	8.72	6.27	4.13	4.85	5.68	4.22	7.09	4.62	7.59	6.54	3.72	4.16	3.39	3.11	3.12	2.95	2.22	3.67	3.33	4.86	#62.57	58.52	4.4
696	FORNEY CREEK	F-3	TVA	2180	2	9.83		7.00		9.76		2.67		5.56		7.98		6.93		#5.67		2.77		2.66		2.15		3.48		#66.46		5.5
184	CLINGMANS DOME (R)	F-3	TVA	6400	15	12.22	9.52	7.92	8.11	10.37	8.01	3.58	6.30	8.85	6.28	9.95	6.42	12.04	9.24	4.83	8.73	6.19	5.10	3.86	4.76	3.76	5.95	5.67	6.82	89.24	85.24	---
185A	BRYSON CITY (R)	F-3	TVA	1900	63	6.48	5.03	4.51	5.15	7.62	5.83	2.46	4.21	5.01	4.18	4.43	4.40	6.10	5.50	2.26	4.78	1.64	3.19	2.91	2.83	1.67	3.23	3.94	4.88	49.03	53.21	---
525	ELA (NEAR)	F-3	NP.CO.	1830	9	6.20	6.05	4.80	5.43	7.91	5.66	2.23	3.68	4.79	5.19	5.03	4.31	6.16	5.98	2.13	4.92	1.90	3.33	3.51	3.02	1.75	3.69	#4.08	4.99	#50.49	56.25	---
542	CHEROKEE	F-3	USDI	1950	9	6.96	5.89	4.80	5.28	7.78	5.62	2.03	3.20	4.77	3.68	4.76	4.35	4.77	6.18	2.41	4.25	1.13	2.60	2.71	2.57	1.92	3.56	4.00	4.87	48.04	52.05	---
186	RAVENSFORD	F-3	USWB	2100	18	7.70	6.67	5.66	6.17	8.64	6.58	2.40	4.54	4.77	4.44	4.82	4.13	7.76	6.48	3.56	5.65	1.68	3.14	2.58	2.97	3.24	4.01	3.85	4.95	56.66	59.73	---
187	SPRUCE MOUNTAIN (R)	F-3	TVA	4800	16	7.98	6.81	5.39	5.59	7.07	5.91	1.59	4.26	5.76	3.94	4.50	4.39	8.32	6.73	2.56	5.40	3.76	3.65	3.81	3.40	3.11	4.20	4.37	4.65	58.22	58.93	---
377	JACK COVE	F-3	TVA	2100	13	5.67	5.39	3.53	5.45	7.62	5.52	#1.89	3.44	3.55	3.77	4.48	4.02	4.60	5.87	3.20	4.28	2.31	2.82	2.60	2.15	1.87	3.23	4.15	4.20	#45.47	50.14	2.5
249	BALSAM	F-3	TVA	3330	9	6.57	6.04	4.05	5.88	7.47	6.11	1.92	3.78	5.22	5.19	5.82	4.13	6.26	6.07	4.90	5.94	4.21	4.13	3.71	3.55	2.15	4.11	4.19	4.96	56.47	59.89	5.4
189	CULLOWHEE	F-3	USWB	2100	41	5.04	3.90	2.60	3.20	6.60	5.20	1.42	3.60	2.77	3.60	4.40	4.00	4.68	4.20	4.58	4.00	2.80	3.50	3.47	2.70	1.36	2.20	4.23	4.20	43.95	44.30	4.6
564A	THORPE POWERHOUSE	F-3	NP.CO.	2320	9	4.76	5.52	3.53	5.32	7.03	6.76	1.55	3.83	3.41	4.52	4.47	4.14	4.91	5.64	3.38	4.20	7.19	4.22	5.14	3.47	2.15	3.82	4.92	4.96	52.44	56.40	---
564	THORPE DAM	F-3	NP.CO.	3550	10	5.12	5.96	4.32	5.69	8.01	7.38	1.53	4.14	5.02	4.44	4.60	5.16	6.31	6.40	3.91	4.99	7.64	4.67	4.45	3.81	2.34	4.34	4.98	5.52	58.23	62.50	---
509	LAUREL MOUNTAIN (R)	F-3	TVA	4200	10	5.52	7.22	4.50	5.99	8.71	8.38	2.69	4.99	4.08	5.73	5.88	6.24	7.69	8.22	7.83	6.12	9.22	5.99	7.00	5.22	2.08	5.92	7.30	6.95	72.50	76.97	---
190A	HAYWOOD GAP (R)	G-3	TVA	5400	16	6.66	6.18	5.81	5.35	8.35	6.29	1.58	4.91	5.09	4.58	6.60	5.21	5.31	7.71	4.74	7.37	16.97	5.05	7.54	4.71	2.13	4.54	7.62	5.15	78.40	67.05	---
191	OWENS GAP	G-3	TVA	3720	16	4.70	7.04	3.81	5.91	8.33	7.00	2.65	5.82	5.18	4.84	6.24	5.41	7.32	8.13	7.91	8.16	10.92	5.59	6.22	4.68	2.08	5.37	8.82	6.54	74.18	74.49	2.8
193	NANTAHALA	F-3	NP.CO.	2020	16	8.18	6.79	6.83	6.59	9.53	6.53	3.85	5.03	5.72	4.22	7.91	4.73	8.16	6.52	5.14	4.96	5.08	3.23	2.90	3.17	2.21	3.72	3.90	4.78	69.41	60.27	2.1
594	NANTAHALA DAM	F-3	NP.CO.	2950	9	8.73	8.04	5.85	7.27	9.31	7.61	3.47	4.52	5.83	5.25	4.08	4.73	9.57	6.95	3.34	4.46	5.46	4.37	2.71	3.44	2.09	4.69	3.92	6.12	64.36	67.45	---
194	NEEDMORE	F-3	TVA	1830	16	6.78	6.21	3.96	5.34	7.73	5.68	2.51	4.00	3.91	3.42	5.60	3.84	6.15	5.94	5.39	4.25	2.86	2.85	3.25	2.63	1.55	3.45	4.22	4.31	53.91	51.92	3.7
195	RAVEN MOUNTAIN (R)	F-3	TVA	4500	16	6.54	6.76	4.41	5.79	6.73	5.76	2.17	4.28	4.04	4.03	4.04	4.60	5.45	7.02	4.74	5.43	3.56	3.50	3.16	3.04	2.37	3.75	3.89	4.85	51.10	58.81	---
196	FRANKLIN POWERHOUSE	F-3	NP.CO.	2000	17	5.01	5.14	3.58	4.51	6.60	5.35	1.85	3.73	4.18	3.26	4.24	4.22	6.93	5.63	5.68	4.60	4.29	3.05	3.21	2.85	1.97	2.95	3.18	3.79	50.72	49.08	---
198A	FRANKLIN	F-3	TVA	2130	2	4.53		3.82		6.64		1.73		3.82		3.25		6.54		6.38		4.07		3.73		1.82		3.38		49.71		1.5
586	CARTOOGECHAYE CREEK	F-3	TVA	2200	9	5.77	6.28	4.28	6.10	8.61	7.32	2.33	4.12	5.84	4.68	2.31	4.02	8.59	6.43	6.16	4.50	5.67	4.52	4.30	3.44	2.24	4.61	5.40	5.67	61.50	61.69	0.8

(#) Interpolated or partly interpolated. (R) Recorder at present.

TENNESSEE VALLEY AUTHORITY

ANNUAL 1950 PRECIPITATION—In Inches

HYDRAULIC DATA BRANCH

Sta. No	Station Name and Location	Index	Owner	Elev.	Yrs.of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	LITTLE TENNESSEE RIVER ABOVE FONTANA DAM (CONT'D)																															
197	WAYAH BALD (R)	F-3	TVA	5350	16	9.85	8.20	6.93	6.94	9.61	7.22	3.36	5.12	5.41	4.63	4.42	4.73	8.19	7.21	5.27	5.40	7.70	4.36	4.36	3.65	3.02	4.56	3.39	5.59	71.51	67.61	---
199	OTTO	F-3	TVA	2300	16	4.58	5.74	3.67	5.47	7.01	6.28	2.04	4.37	4.39	4.03	3.73	4.06	5.25	6.03	7.57	5.64	4.73	3.88	4.52	3.24	1.57	3.91	6.25	4.59	55.31	57.24	---
200	COWEETA NO. 8	F-3	USFS	3880	15	9.84	8.97	10.19	8.94	12.14	10.20	3.90	7.15	7.13	6.20	6.71	6.23	10.87	9.25	12.03	7.90	12.86	6.70	7.59	6.05	3.32	6.78	7.24	8.86	103.82	93.23	---
20	COWEETA NO. 1 (R)	F-3	USFS	2875	16	6.35	7.09	6.53	6.79	9.71	7.61	2.50	5.60	5.57	4.61	5.05	4.76	9.13	6.65	9.99	6.11	7.16	4.63	6.10	4.31	2.43	5.26	5.90	6.06	76.42	69.48	---
20	HIGHLANDS	F-3	TVA	3800	9	8.58	9.09	6.68	7.46	9.99	9.90	2.80	6.11	4.97	6.64	5.48	7.00	11.15	10.05	6.21	7.06	11.93	7.86	7.50	5.98	2.02	6.93	6.40	7.36	83.71	91.44	4.0
20	HIGHLANDS (NEAR)	F-3	USWB	3350	62	7.98	6.90	5.32	6.70	8.69	8.40	2.54	6.40	4.32	6.00	5.38	7.40	11.46	8.70	7.00	7.50	8.43	6.80	7.09	6.30	1.41	5.00	5.23	8.80	74.85	84.90	1.5
204	CLAYTON	F-4	USWB	2000	56	3.75	6.13	----	6.40	7.80	6.90	3.00	5.75	6.85	4.75	5.65	5.29	11.40	6.96	6.90	6.49	5.68	4.95	5.64	4.34	1.31	4.22	5.22	7.10	-----	69.28	---
	FRENCH BROAD RIVER																															
64	SEVIERVILLE	F-3	TVA	900	32	7.59	4.40	5.01	4.06	6.62	4.81	1.56	3.75	5.17	4.42	5.22	4.62	7.71	4.74	4.40	4.22	3.23	3.05	2.82	2.75	2.68	2.98	2.98	4.42	54.99	48.22	---
49	PIGEON FORGE	F-3	TVA	1012	10	6.26	4.57	#5.35	4.26	6.55	4.61	1.58	2.88	4.50	3.41	2.88	4.49	6.51	5.83	3.35	4.25	2.91	3.09	2.30	2.62	2.18	3.04	3.41	3.65	#47.78	46.70	6.5
20	GATLINBURG (NEAR)	F-3	USWB	1460	25	7.01	4.32	5.92	4.29	7.99	5.22	2.16	4.13	4.36	4.70	4.75	4.81	9.20	5.69	4.70	5.64	2.83	2.82	2.48	2.95	2.84	2.45	4.62	4.46	58.86	51.48	5.7
210	MT. LE CONTE	F-3	TVA	6350	-	----	----	----	----	----	----	----	----	9.26	6.05	9.53	6.62	12.68	10.88	5.20	8.44	5.48	4.80	3.07	3.82	----	----	----	----	-----	-----	---
59	DOUGLAS DAM	F-3	TVA	928	9	7.48	4.80	5.18	5.11	5.63	4.11	1.65	2.70	5.96	3.33	3.24	2.80	5.55	4.56	4.46	3.38	2.42	2.56	1.29	2.41	2.33	3.20	2.53	3.91	47.72	42.87	5.8
211	DANDRIDGE	F-2	TVA	1040	46	7.06	4.15	5.60	4.07	4.87	4.62	#1.98	3.58	6.26	3.87	3.92	3.80	5.72	4.84	5.06	4.15	2.79	2.73	2.08	2.66	2.37	2.64	2.54	4.13	#50.25	45.24	---
2	WHITE PINE	F-2	TVA	1165	16	6.90	3.82	4.70	3.88	5.13	4.04	1.10	2.93	7.40	2.96	4.75	3.45	3.13	5.08	1.95	3.91	2.75	2.68	1.25	2.28	2.35	2.70	2.20	2.96	43.61	40.69	10.2
2 3	BULLS GAP	F-2	TVA	1060	16	6.23	4.52	4.72	4.24	5.49	4.87	1.29	3.20	8.42	3.21	4.95	3.79	3.44	5.37	5.36	4.04	3.62	2.69	1.28	2.37	2.29	3.17	2.44	3.69	49.53	45.16	12.4
2 4	LICK CREEK (R)	G-2	TVA	1210	15	6.97	3.90	5.48	3.46	5.00	3.55	1.09	2.35	8.10	2.78	3.99	2.75	2.46	4.90	2.15	3.58	3.31	2.31	1.50	2.20	2.02	2.35	2.47	2.88	44.54	37.01	---
215	JEAROLDSTOWN	G-2	TVA	1400	16	7.26	4.52	5.56	4.11	5.44	4.54	1.57	3.13	7.07	3.48	5.16	3.74	3.39	5.37	2.08	4.22	2.26	2.73	1.55	2.60	2.55	2.88	2.70	3.39	46.59	44.71	5.6
216	LITTLE CHUCKY	G-2	TVA	1340	16	7.74	4.12	4.00	4.17	5.57	4.43	3.38	3.37	10.00	3.21	6.80	3.99	7.41	5.27	5.68	4.05	4.12	3.02	1.77	2.70	3.17	2.85	2.46	2.98	62.10	44.16	6.5
661	NOLICHUCKY DAM	G-2	TVA	1220	6	8.03		5.08		5.53		1.51		8.57		6.57		6.11		1.93		2.65		1.64		2.28		2.91		52.81		---
4 5	GREENEVILLE (NEAR) (R)	G-2	U.T.	1380	10	6.22	3.44	4.58	3.51	5.22	3.86	1.19	2.37	8.54	3.35	5.51	3.84	4.98	4.56	2.59	3.33	2.67	3.40	1.29	2.26	2.08	2.45	#2.58	2.90	#47.45	39.27	---
2 7	GREENEVILLE (NEAR)	G-2	USWB	1320	18	7.06	3.52	4.64	3.72	5.54	4.60	1.39	3.58	8.93	4.02	5.68	4.41	5.53	3.98	2.56	4.72	2.61	2.55	1.36	2.46	2.26	2.41	2.70	4.21	50.26	44.18	8.0
5 8	TUSCULUM COLLEGE	G-2	PRIVATE	1460	10	8.24	4.11	5.60	4.10	6.11	4.14	1.21	2.43	7.14	3.46	6.22	4.37	4.21	5.48	2.42	3.88	2.41	3.52	1.09	2.61	2.55	2.94	2.99	3.61	50.19	44.65	6.9
2 8	CAMP CREEK BALD (R)	G-2	TVA	4560	16	8.42	5.40	6.20	5.01	6.90	5.69	2.56	3.88	7.90	4.62	9.11	5.60	8.54	7.73	3.78	5.51	3.51	3.86	1.88	3.70	3.29	3,56	5.41	4.53	67.50	59.09	---
2 9	LIMESTONE	G-2	TVA	1420	16	7.71	3.90	5.28	3.57	5.19	4.09	1.72	2.96	7.04	3.19	3.69	3.84	5.48	5.73	2.47	3.93	2.59	2.82	0.85	2.24	1.97	2.43	2.81	2.75	46.80	41.45	4.9
2	EMBREEVILLE	G-2	TVA	1590	25	5.49	3.37	4.16	3.68	5.63	4.36	1.96	3.25	6.26	4.28	3.79	4.06	6.89	6.05	3.82	4.19	3.09	2.96	1.06	2.91	2.06	2.50	2.99	3.14	47.20	44.75	9.0
22	ERWIN	G-2	TVA	1750	23	5.37	3.38	4.74	3.81	5.26	4.77	2.04	3.32	7.42	4.48	3.52	4.41	7.62	6.21	4.64	4.48	4.14	3.17	1.00	2.87	2.15	2.55	4.15	3.28	52.05	46.73	14.3
64	LIMESTONE COVE	G-2	TVA	2365	6	5.74		4.69		5.46		2.09		6.19		7.13		4.96		7.05		3.97		1.27		2.53		4.63		55.71		10.0
65	POPLAR	G-2	TVA	2000	5	4.76		3.96		4.91		1.84		6.37		5.00		4.73		4.25		6.40		2.45		1.56		4.05		50.28		11.9
22	FLAT TOP MOUNTAIN	G-2	TVA	2880	16	5.40	4.91	5.18	4.51	5.48	4.96	1.84	3.50	5.21	3.87	4.63	4.88	7.04	6.97	3.66	5.36	5.74	3.50	2.29	3.01	2.52	3.34	3.66	3.56	52.65	52.37	21.5
22	BEAUTY SPOT (R)	G-2	TVA	4210	16	6.05	4.37	4.52	3.87	5.46	4.34	1.98	3.36	7.33	3.82	5.99	4.35	4.23	6.56	4.55	4.78	6.23	3.54	1.90	2.91	2.31	3.08	4.77	3.33	55.32	48.31	---
22	CANE RIVER	G-3	TVA	2500	16	4.41	4.02	2.92	3.88	5.44	4.47	1.61	3.10	4.16	3.43	2.84	3.53	3.14	4.54	3.46	4.14	2.47	3.01	2.19	2.71	1.96	2.70	3.15	2.56	37.75	42.09	7.5
22	MCKINNEY GAP	G-3	TVA	4500	16	6.79	6.50	6.02	5.96	7.47	6.60	2.75	4.53	5.88	4.67	6.98	4.83	5.34	7.00	3.06	4.92	5.22	3.72	2.39	3.41	2.53	3.93	4.73	4.25	59.16	60.32	18.6
22	COXCOMBE MOUNTAIN (R)	G-3	TVA	4250	16	4.08	3.83	2.70	3.72	4.82	4.51	1.70	3.24	7.96	3.93	7.77	4.09	2.88	5.44	2.75	4.84	4.14	3.20	2.01	3.20	1.61	2.59	3.91	2.99	46.33	45.58	---
22	DAYBOOK	G-3	TVA	2350	16	5.48	4.05	#2.53	3.55	4.68	4.25	1.69	3.03	4.46	3.43	4.59	3.64	3.59	4.98	2.94	4.40	5.90	3.47	2.06	2.54	1.55	2.73	2.79	2.62	#42.26	42.69	---
23	ROAN HIGH KNOB (R)	G-2	TVA	6100	16	#6.13	4.60	4.97	4.01	#4.68	4.73	2.51	3.99	7.40	4.80	8.49	5.20	7.17	7.12	2.99	5.17	7.33	4.04	2.26	3.51	#2.98	3.45	#4.17	3.12	#61.08	53.74	---
40	BAKERSVILLE	G-2	TVA	2475	12	3.68	3.02	2.95	3.62	4.49	3.76	1.71	3.02	3.60	3.68	4.81	3.90	4.56	4.88	4.21	4.91	5.23	2.99	1.45	2.58	1.29	2.42	5.02	2.87	43.00	41.65	14.0
23	CELO	G-3	TVA	2800	16	3.80	4.69	4.01	3.93	7.06	5.16	2.31	3.70	4.71	3.86	3.77	3.66	3.93	5.62	6.17	6.42	12.43	4.35	4.46	3.59	1.42	3.30	6.30	3.60	60.37	51.88	3.0
62	CELO (NEAR)	G-3	USWB	2700	8	----	----	----	----	4.96	5.87	1.02	3.82	3.68	4.64	3.64	4.76	3.10	5.02	6.20	5.28	10.86	5.58	6.45	3.68	----	----	6.66	4.38	-----	-----	---
23	MT. MITCHELL	G-3	USWB	6620	26	4.56	4.26	4.00	4.91	5.08	6.71	2.23	6.10	6.90	5.41	7.25	6.69	4.37	7.91	15.25	9.04	7.88	6.64	10.28	5.63	2.26	4.63	7.04	6.56	77.10	74.49	48.4
23	MT. MITCHELL (R)	G-3	TVA	6620	7	4.73	3.89	3.74	4.89	5.41	4.97	2.00	4.60	5.83	5.55	6.84	6.71	4.59	6.66	6.72	7.79	16.04	8.84	10.40	7.38	3.19	4.74	7.68	4.45	77.17	70.47	---
23	SNOW CREEK	G-3	TVA	2600	16	3.83	3.68	2.42	3.31	5.20	4.26	1.02	3.31	2.69	3.26	4.44	3.86	3.51	5.32	4.46	4.85	5.53	3.47	1.77	2.66	1.16	2.81	6.31	3.04	42.34	43.83	17.8
62	SPRUCE PINE	G-3	TVA	2620	8	2.65	3.93	3.14	3.53	4.71	4.70	0.76	3.32	6.50	3.93	3.41	3.69	4.32	4.27	6.61	5.05	8.76	5.12	2.40	3.66	1.19	3.86	5.63	2.93	50.08	47.99	4.0
23	LITTLE SWITZERLAND (R)	G-3	TVA	3550	16	2.65	5.23	3.10	3.70	5.82	5.24	0.69	4.05	5.55	4.17	3.84	4.25	6.55	6.93	9.76	7.55	11.24	5.19	4.21	4.25	1.67	4.43	7.12	4.29	62.20	59.28	---
23	ALTAPASS	G-3	TVA	2600	37	1.86	3.81	3.42	3.24	5.41	4.71	0.78	3.88	7.41	4.11	2.34	3.75	3.61	6.41	2.30	4.89	5.84	3.98	2.63	3.71	#2.48	3.18	2.88	3.92	#40.96	49.59	7.5
23	PLUMTREE	G-2	TVA	2900	16	3.41	4.53	4.04	4.15	5.65	4.37	2.50	3.97	4.00	4.01	4.24	4.06	4.31	5.74	4.44	5.36	7.07	3.70	1.44	3.38	2.16	3.54	5.57	3.36	48.83	50.17	10.0
23	SMOKY GAP	H-2	TVA	3650	16	3.54	4.05	3.18	3.64	3.92	4.13	1.79	3.57	3.94	4.39	3.52	4.76	3.58	5.68	3.99	5.48	5.12	3.57	1.38	2.98	3.64	3.58	3.75	2.91	41.35	48.74	32.2
37	CROSSNORE	H-2	USWB	3430	37	2.96	3.85	3.84	4.03	5.51	5.28	1.98	4.29	3.66	4.68	4.14	5.72	3.37	7.00	4.81	5.75	8.39	4.74	4.05	4.95	2.53	3.37	6.50	5.14	51.74	58.80	22.0
24	NEWPORT	F-3	USWB	1080	60	6.81	3.68	5.13	3.91	5.64	4.84	1.20	3.66	7.19	4.25	5.43	4.30	6.50	4.48	3.64	3.94	2.46	2.78	2.28	2.47	2.28	2.47	3.06	4.03	51.62	44.81	5.2
24	NEWPORT	F-3	TVA	1050	8	7.26	4.23	5.06	4.86	5.38	4.18	1.20	2.83	7.05	3.40	5.77	3.76	6.19	4.98	4.05	3.60	3.42	3.16	2.11	2.42	2.21	2.89	3.01	3.43	52.71	43.74	7.2
53	COSBY NO. 4	F-3	USDI	1720	10	6.24	5.09	5.66	4.48	7.92	5.45	2.03	3.55	5.75	4.42	7.65	4.48	7.17	7.16	4.07	4.62	1.30	2.77	1.53	3.15	2.97	3.31	5.13	4.55	57.42	53.03	---
24	HARTFORD	F-3	TVA	1260	16	4.72	4.17	2.27	4.06	#6.05	4.54	1.78	3.45	6.14	4.02	6.38	4.67	6.04	6.39	4.10	5.01	0.67	2.60	1.63	2.56	2.90	2.66	4.81	3.58	#47.49	47.71	---
24	WATERVILLE POWERHOUSE	F-3	USWB	1410	20	5.17	3.47	4.64	3.68	5.35	4.35	1.97	4.27	5.05	4.48	5.90	5.54	5.87	5.29	4.27	5.00	1.23	3.92	1.76	3.09	1.89	2.13	3.59	3.86	46.69	49.08	12.5
24	MT. STERLING	F-3	TVA	2950	16	5.44	5.05	3.68	4.61	6.42	5.25	1.56	3.31	4.94	4.17	5.32	4.27	7.44	7.18	4.28	5.25	2.50	3.17	2.43	2.79	2.08	3.22	3.85	3.53	49.94	51.80	24.3
65	CATALOOCHEE	F-3	USDI	2620	6	5.84		3.53		7.86		1.60		4.17		3.99		5.81		2.60		3.28		2.55		2.01		3.67		46.91		10.5
407	CATALOOCHEE RANCH	F-3	TVA	4800	12	7.43	6.78	5.08	6.17	9.40	6.97	1.93	3.94	6.69	4.59	5.77	4.98	5.78	7.64	----	----	4.36	3.42	5.20	3.54	#2.44	4.35	3.44	4.97	-----	-----	23.7
247	WAYNESVILLE	G-3	USWB	2675	57	4.33	3.75	1.96	4.04	6.69	5.05	1.07	3.68	4.59	3.98	3.12	4.12	2.59	4.60	1.94	4.21	5.30	3.00	4.39	3.04	1.93	2.25	3.90	4.61	41.81	46.33	6.4
24	EAGLENEST MOUNTAIN	F-3	TVA	3360	16	9.19	6.87	4.37	6.28	9.17	6.70	2.06	4.18	2.73	3.89	4.15	4.22	3.40	6.29	3.21	4.57	3.04	3.28	4.14	3.00	2.35	3.96	3.97	4.71	51.78	57.95	---
25	CHAMBERS MOUNTAIN (R)	G-3	TVA	4300	16	3.31	3.30	1.30	2.86	4.11	3.67	0.97	2.61	3.64	2.35	3.13	2.95	3.81	5.72	3.14	4.51	4.08	2.42	3.23	2.59	0.96	2.28	3.03	2.33	34.71	37.59	---
251	CANTON	G-3	CP&LCO	2600	20	3.82	2.75	2.42	3.27	5.10	4.00	1.21	3.62	----	3.44	3.91	3.55	4.16	3.92	3.17	4.18	4.11	3.39	4.15	2.76	1.19	1.80	3.58	3.36	-----	40.04	---
25	DIX CREEK	G-3	TVA	3030	16	4.81	5.27	1.60	4.50	5.97	5.52	1.79	3.74	----	----	4.51	3.87	4.44	5.49	7.89	5.47	11.73	3.89	----	----	----	----	----	----	-----	-----	---
25	MT. PISGAH (R)	G-3	TVA	5300	16	3.43	5.19	3.03	4.26	5.86	5.37	1.54	4.42	4.41	4.53	5.52	5.09	5.13	7.24	4.68	7.45	14.10	5.60	9.58	5.21	1.98	4.33	6.73	4.72	65.99	63.41	---

(# Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1950 PRECIPITATION—In Inches

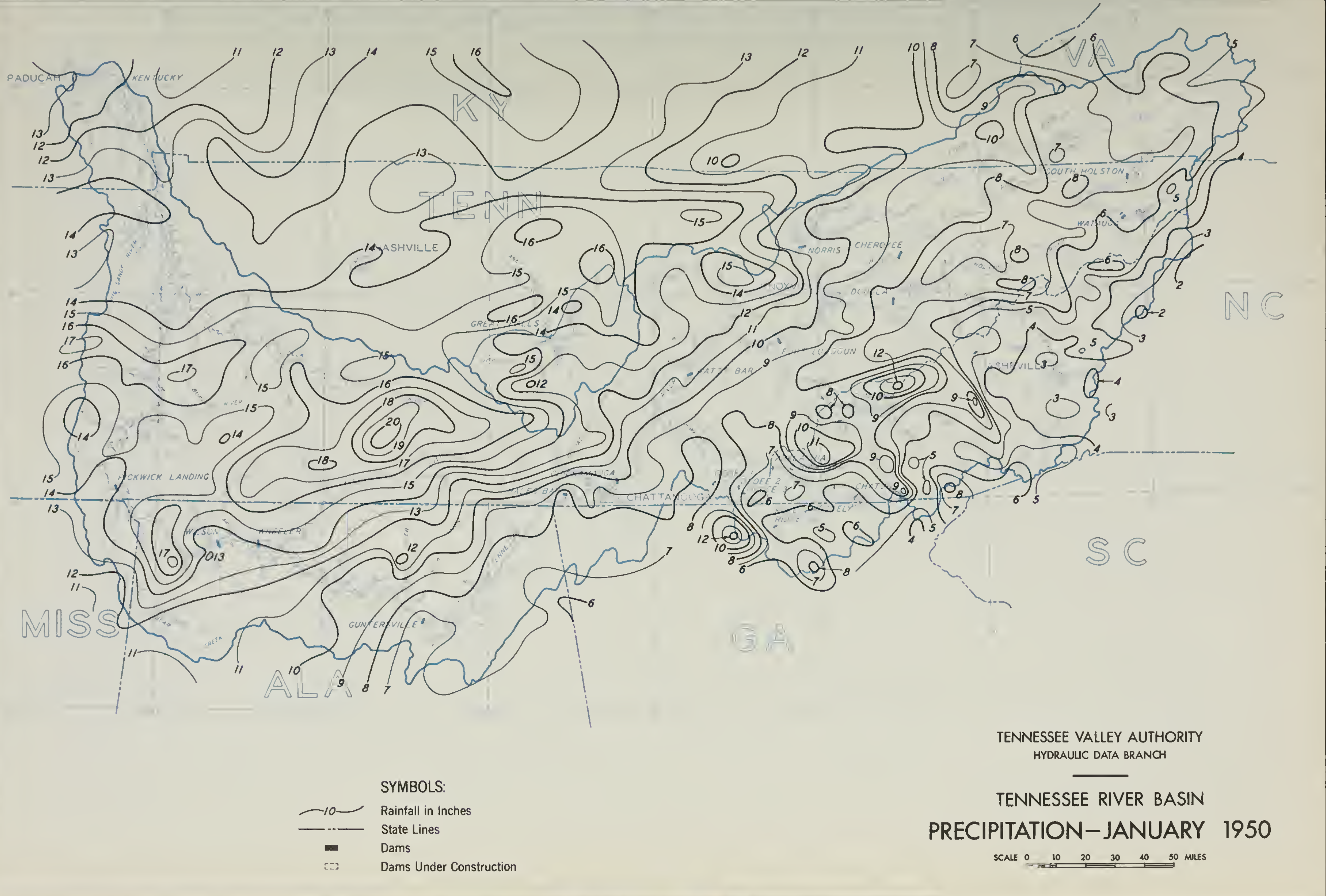
Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Y E A R		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	LITTLE TENNESSEE RIVER ABOVE FONTANA DAM (CONT'D)																															
197	WAYAH BALD (R)	F-3	TVA	5350	16	9.85	8.20	6.93	6.94	9.61	7.22	3.36	5.12	5.41	4.63	4.42	4.73	8.19	7.21	5.27	5.40	7.70	4.36	4.36	3.65	3.02	4.56	3.39	5.59	71.51	67.61	---
199	OTTO	F-3	TVA	2300	16	4.58	5.74	3.67	5.47	7.01	6.28	2.04	4.37	4.39	4.03	3.73	4.06	5.25	6.03	7.57	5.64	4.73	3.88	4.52	3.24	1.57	3.91	6.25	4.59	55.31	57.24	---
200C	COWEETA NO. 8	F-3	USFS	3880	15	9.84	8.97	10.19	8.94	12.14	10.20	3.90	7.15	7.13	6.20	6.71	6.23	10.87	9.25	12.03	7.90	12.86	6.70	7.59	6.05	3.32	6.78	7.24	8.86	103.82	93.23	---
200	COWEETA NO. 1 (R)	F-3	USFS	2875	16	6.35	7.09	6.53	6.79	9.71	7.61	2.50	5.60	5.57	4.61	5.05	4.76	9.13	6.65	9.99	6.11	7.16	4.63	6.10	4.31	2.43	5.26	5.90	6.06	76.42	69.48	---
201A	HIGHLANDS	F-3	TVA	3800	9	8.58	9.09	6.68	7.46	9.99	9.90	2.80	6.11	4.97	6.64	5.48	7.00	11.15	10.05	6.21	7.06	11.93	7.86	7.50	5.98	2.02	6.93	6.40	7.36	83.71	91.44	4.0
201	HIGHLANDS (NEAR)	F-3	USWB	3350	62	7.98	6.90	5.32	6.70	8.69	8.40	2.54	6.40	4.32	6.00	5.38	7.40	11.46	8.70	7.00	7.50	8.43	6.80	7.09	6.30	1.41	5.00	5.23	8.80	74.85	84.90	1.5
204	CLAYTON	F-4	USWB	2000	56	3.75	6.13	----	6.40	7.80	6.90	3.00	5.75	6.85	4.75	5.65	5.29	11.40	6.96	6.90	6.49	5.68	4.95	5.64	4.34	1.31	4.22	5.22	7.10	-----	69.28	---
	FRENCH BROAD RIVER																															
642	SEVIERVILLE	F-3	TVA	900	32	7.59	4.40	5.01	4.06	6.62	4.81	1.56	3.75	5.17	4.42	5.22	4.62	7.71	4.74	4.40	4.22	3.23	3.05	2.82	2.75	2.68	2.98	2.98	4.42	54.99	48.22	---
496	PIGEON FORGE	F-3	TVA	1012	10	6.26	4.57	#5.35	4.26	6.55	4.61	1.58	2.88	4.50	3.41	2.88	4.49	6.51	5.83	3.35	4.25	2.91	3.09	2.30	2.62	2.18	3.04	3.41	3.65	#47.78	46.70	6.5
209	GATLINBURG (NEAR)	F-3	USWB	1460	25	7.01	4.32	5.92	4.29	7.99	5.22	2.16	4.13	4.36	4.70	4.75	4.81	9.20	5.69	4.70	5.64	2.83	2.82	2.48	2.95	2.84	2.45	4.62	4.46	58.86	51.48	5.7
210	MT. LE CONTE	F-3	TVA	6350	-	----	----	----	----	----	----	----	----	9.26	6.05	9.53	6.62	12.68	10.88	5.20	8.44	5.48	4.80	3.07	3.82	----	----	----	----	-----	-----	---
593	DOUGLAS DAM	F-3	TVA	928	9	7.48	4.80	5.18	5.11	5.63	4.11	1.65	2.70	5.96	3.33	3.24	2.80	5.55	4.56	4.46	3.38	2.42	2.56	1.29	2.41	2.33	3.20	2.53	3.91	47.72	42.87	5.8
211	DANDRIDGE	F-2	TVA	1040	46	7.06	4.15	5.60	4.07	4.87	4.62	#1.98	3.58	6.26	3.87	3.92	3.80	5.72	4.84	5.06	4.15	2.79	2.73	2.08	2.66	2.37	2.64	2.54	4.13	#50.25	45.24	---
212	WHITE PINE	F-2	TVA	1165	16	6.90	3.82	4.70	3.88	5.13	4.04	1.10	2.93	7.40	2.96	4.75	3.45	3.13	5.08	1.95	3.91	2.75	2.68	1.25	2.28	2.35	2.70	2.20	2.96	43.61	40.69	10.2
213	HULLS GAP	F-2	TVA	1060	16	6.23	4.52	4.72	4.24	5.49	4.87	1.29	3.20	8.42	3.21	4.95	3.79	3.44	5.37	5.36	4.04	3.62	2.69	1.28	2.37	2.29	3.17	2.44	3.69	49.53	45.16	12.4
214	LICK CREEK (R)	G-2	TVA	1210	15	6.97	3.90	5.48	3.46	5.00	3.55	1.09	2.35	8.10	2.78	3.99	2.75	2.46	4.90	2.15	3.58	3.31	2.31	1.50	2.20	2.02	2.35	2.47	2.88	44.54	37.01	---
215	JEAROLDSTOWN	0-2	TVA	1400	16	7.26	4.52	5.56	4.11	5.44	4.54	1.57	3.13	7.07	3.48	5.16	3.74	3.39	5.37	2.08	4.22	2.26	2.73	1.55	2.60	2.55	2.88	2.70	3.39	46.59	44.71	5.6
216	LITTLE CHUCKY	G-2	TVA	1340	16	7.74	4.12	4.00	4.17	5.57	4.43	3.38	3.37	10.00	3.21	6.80	3.99	7.41	5.27	5.68	4.05	4.12	3.02	1.77	2.70	3.17	2.85	2.46	2.98	62.10	44.16	6.5
661	NOLICHUCKY DAM	0-2	TVA	1220	6	8.03		5.08		5.53		1.51		8.57		6.57		6.11		1.93		2.65		1.64		2.28		2.91		52.81		---
475	GREENEVILLE (NEAR) (R)	0-2	U.T.	1380	10	6.22	3.44	4.58	3.51	5.22	3.86	1.19	2.37	8.54	3.35	5.51	3.84	4.98	4.56	2.59	3.33	2.67	3.40	1.29	2.26	2.08	2.45	#2.58	2.90	#47.45	39.27	---
217	GREENEVILLE (NEAR)	0-2	USWB	1320	18	7.06	3.52	4.64	3.72	5.54	4.60	1.39	3.58	8.93	4.02	5.68	4.41	5.53	3.98	2.56	4.72	2.61	2.55	1.36	2.46	2.26	2.41	2.70	4.21	50.26	44.18	8.0
518	TUSCULUM COLLEGE	0-2	PRIVATE	1460	10	8.24	4.11	5.60	4.10	6.11	4.14	1.21	2.43	7.14	3.46	6.22	4.37	4.21	5.48	2.42	3.88	2.41	3.52	1.09	2.61	2.55	2.94	2.99	3.61	50.19	44.65	6.9
218	CAMP CREEK BALD (R)	0-2	TVA	4560	16	8.42	5.40	6.20	5.01	6.90	5.69	2.56	3.88	7.90	4.62	9.11	5.60	8.54	7.73	3.78	5.51	3.51	3.86	1.88	3.70	3.29	3.56	5.41	4.53	67.50	59.09	---
219	LIMESTONE	0-2	TVA	1420	16	7.71	3.90	5.28	3.57	5.19	4.09	1.72	2.96	7.04	3.19	3.69	3.84	5.48	5.73	2.47	3.93	2.59	2.82	0.85	2.24	1.97	2.43	2.81	2.75	46.80	41.45	4.9
220	EMBREEVILLE	G-2	TVA	1590	25	5.49	3.37	4.16	3.68	5.63	4.36	1.96	3.25	6.26	4.28	3.79	4.06	6.89	6.05	3.82	4.19	3.09	2.96	1.06	2.91	2.06	2.50	2.99	3.14	47.20	44.75	9.0
221	ERWIN	0-2	TVA	1750	23	5.37	3.38	4.74	3.81	5.26	4.77	2.04	3.32	7.42	4.48	3.52	4.41	7.62	6.21	4.64	4.48	4.14	3.17	1.00	2.87	2.15	2.55	4.15	3.28	52.05	46.73	14.3
643	LIMESTONE COVE	0-2	TVA	2365	6	5.74		4.69		5.46		2.09		6.19		7.13		4.96		7.05		3.97		1.27		2.53		4.63		55.71		10.0
659	POPLAR	0-2	TVA	2000	5	4.76		3.96		4.91		1.84		6.37		5.00		4.73		4.25		6.40		2.45		1.56		4.05		50.28		11.9
223	FLAT TOP MOUNTAIN	0-2	TVA	2880	16	5.40	4.91	5.18	4.51	5.48	4.96	1.84	3.50	5.21	3.87	4.63	4.88	7.04	6.97	3.66	5.36	5.74	3.50	2.29	3.01	2.52	3.34	3.66	3.56	52.65	52.37	21.5
224	BEAUTY SPOT (R)	0-2	TVA	4210	16	6.05	4.37	4.52	3.87	5.46	4.34	1.98	3.36	7.33	3.82	5.99	4.35	4.23	6.56	4.55	4.78	6.23	3.54	1.90	2.91	2.31	3.08	4.77	3.33	55.32	48.31	---
226	CANE RIVER	0-3	TVA	2500	16	4.41	4.02	2.92	3.88	5.44	4.47	1.61	3.10	4.16	3.43	2.84	3.53	3.14	4.54	3.46	4.14	2.47	3.01	2.19	2.71	1.96	2.70	3.15	2.56	37.75	42.09	7.5
227	MCKINNEY GAP	0-3	TVA	4500	16	6.79	6.50	6.02	5.96	7.47	6.60	2.75	4.53	5.88	4.67	6.98	4.83	5.34	7.00	3.06	4.92	5.22	3.72	2.39	3.41	2.53	3.93	4.73	4.25	59.16	60.32	18.6
228	COXCOMBE MOUNTAIN (R)	0-3	TVA	4250	16	4.08	3.83	2.70	3.72	4.82	4.51	1.70	3.24	7.96	3.93	7.77	4.09	2.88	5.44	2.75	4.84	4.14	3.20	2.01	3.20	1.61	2.59	3.91	2.99	46.33	45.58	---
229	DAYBOOK	0-3	TVA	2350	16	5.48	4.05	#2.53	3.55	4.68	4.25	1.69	3.03	4.46	3.43	4.59	3.64	3.59	4.98	2.94	4.40	5.90	3.47	2.06	2.54	1.55	2.73	2.79	2.62	#42.26	42.69	---
231	ROAN HIGH KNOB (R)	0-2	TVA	6100	16	#6.13	4.60	4.97	4.01	#4.68	4.73	2.51	3.99	7.40	4.80	8.49	5.20	7.17	7.12	2.99	5.17	7.33	4.04	2.26	3.51	#2.98	3.45	#4.17	3.12	#61.08	53.74	---
402	BAKERSVILLE	G-2	TVA	2475	12	3.68	3.02	2.95	3.62	4.49	3.76	1.71	3.02	3.60	3.68	4.81	3.90	4.56	4.88	4.21	4.91	5.23	2.99	1.45	2.58	1.29	2.42	5.02	2.87	43.00	41.65	14.0
232	CELO	0-3	TVA	2800	16	3.80	4.69	4.01	3.93	7.06	5.16	2.31	3.70	4.71	3.86	3.77	3.66	3.93	5.62	6.17	6.42	12.43	4.35	4.46	3.59	1.42	3.30	6.30	3.60	60.37	51.88	3.0
622	CELO (NEAR)	0-3	USWB	2700	8	----	----	----	----	4.96	5.87	1.02	3.82	3.68	4.64	3.64	4.76	3.10	5.02	6.20	5.28	10.86	5.58	6.45	3.68	----	----	6.66	4.38	-----	-----	---
233	MT. MITCHELL	0-3	USWB	6620	26	4.56	4.26	4.00	4.91	5.08	6.71	2.23	6.10	6.90	5.41	7.25	6.69	4.37	7.91	15.25	9.04	7.88	6.64	10.28	5.63	2.26	4.63	7.04	6.56	77.10	74.49	48.4
233A	MT. MITCHELL (R)	0-3	TVA	6620	7	4.73	3.89	3.74	4.89	5.41	4.97	2.00	4.60	5.83	5.55	6.84	6.71	4.59	6.66	6.72	7.79	16.04	8.84	10.40	7.38	3.19	4.74	7.68	4.45	77.17	70.47	---
234	SNOW CREEK	0-3	TVA	2600	16	3.83	3.68	2.42	3.31	5.20	4.26	1.02	3.31	2.69	3.26	4.44	3.86	3.51	5.32	4.46	4.85	5.53	3.47	1.77	2.66	1.16	2.81	6.31	3.04	42.34	43.83	17.8
623	SPRUCE PINE	0-3	TVA	2620	8	2.65	3.93	3.14	3.53	4.71	4.70	0.76	3.32	6.50	3.93	3.41	3.69	4.32	4.27	6.61	5.05	8.76	5.12	2.40	3.66	1.19	3.86	5.63	2.93	50.08	47.99	4.0
235	LITTLE SWITZERLAND (R)	G-3	TVA	3550	16	2.65	5.23	3.10	3.70	5.82	5.24	0.69	4.05	5.55	4.17	3.84	4.25	6.55	6.93	9.76	7.55	11.24	5.19	4.21	4.25	1.67	4.43	7.12	4.29	62.20	59.28	---
236	ALTAPASS	0-3	TVA	2600	37	1.86	3.81	3.42	3.24	5.41	4.71	0.78	3.88	7.41	4.11	2.34	3.75	3.61	6.41	2.30	4.89	5.84	3.98	2.63	3.71	#2.48	3.18	2.88	3.92	#40.96	49.59	7.5
237	PLUMTREE	0-2	TVA	2900	16	3.41	4.53	4.04	4.15	5.65	4.37	2.50	3.97	4.00	4.01	4.24	4.06	4.31	5.74	4.44	5.36	7.07	3.70	1.44	3.38	2.16	3.54	5.57	3.36	48.83	50.17	10.0
238	SMOKY GAP	H-2	TVA	3650	16	3.54	4.05	3.18	3.64	3.92	4.13	1.79	3.57	3.94	4.39	3.52	4.76	3.58	5.68	3.99	5.48	5.12	3.57	1.38	2.98	3.64	3.58	3.75	2.91	41.35	48.74	32.2
378	CROSSNORE	H-2	USWB	3430	37	2.96	3.85	3.84	4.03	5.51	5.28	1.98	4.29	3.66	4.68	4.14	5.72	3.37	7.00	4.81	5.75	8.39	4.74	4.05	4.95	2.53	3.37	6.50	5.14	51.74	58.80	22.0
241	NEWPORT	F-3	USWB	1080	60	6.81	3.68	5.13	3.91	5.64	4.84	1.20	3.66	7.19	4.25	5.43	4.30	6.50	4.48	3.64	3.94	2.46	2.78	2.28	2.47	2.28	2.47	3.06	4.03	51.62	44.81	5.2
241A	NEWPORT	F-3	TVA	1050	8	7.26	4.23	5.06	4.86	5.38	4.18	1.20	2.83	7.05	3.40	5.77	3.76	6.19	4.98	4.05	3.60	3.42	3.16	2.11	2.42	2.21	2.89	3.01	3.43	52.71	43.74	7.2
538	COSBY NO. 4	F-3	USDI	1720	10	6.24	5.09	5.66	4.48	7.92	5.45	2.03	3.55	5.75	4.42	7.65	4.48	7.17	7.16	4.07	4.62	1.30	2.77	1.53	3.15	2.97	3.31	5.13	4.55	57.42	53.03	---
243	HARTFORD	F-3	TVA	1260	16	4.72	4.17	2.27	4.06	#6.05	4.54	1.78	3.45	6.14	4.02	6.38	4.67	6.04	6.39	4.10	5.01	0.67	2.60	1.63	2.56	2.90	2.66	4.81	3.58	#47.49	47.71	---
244	WATERVILLE POWERHOUSE	F-3	USWB	1410	20	5.17	3.47	4.64	3.68	5.35	4.35	1.97	4.27	5.05	4.48	5.90	5.54	5.87	5.29	4.27	5.00	1.23	3.92	1.76	3.09	1.89	2.13	3.59	3.86	46.69	49.08	12.5
245	MT. STERLING	F-3	TVA	2950	16	5.44	5.05	3.68	4.61	6.42	5.25	1.56	3.31	4.94	4.17	5.32	4.27	7.44	7.18	4.28	5.25	2.50	3.17	2.43	2.79	2.08	3.22	3.85	3.53	49.94	51.80	24.3
656	CATALOOCHEE	F-3	USDI	2620	6	5.84		3.53		7.86		1.60		4.17		3.99		5.81		2.60		3.28		2.55		2.01		3.67		46.91		10.5
407	CATALOOCHEE RANCH	F-3	TVA	4800	12	7.43	6.78	5.08	6.17	9.40	6.97	1.93	3.94	6.69	4.59	5.77	4.98	5.78	7.64	----	----	4.36	3.42	5.20	3.54	#2.44	4.35	3.44	4.97	-----	-----	23.7
247	WAYNESVILLE	0-3	USWB	2675	57	4.33	3.75	1.96	4.04	6.69	5.05	1.07	3.68	4.59	3.98	3.12	4.12	2.59	4.60	1.94	4.21	5.30	3.00	4.39	3.04	1.93	2.25	3.90	4.61	41.81	46.33	6.4
248	EAGLENEST MOUNTAIN	F-3	TVA	3360	16	9.19	6.87	4.37	6.28	9.17	6.70	2.06	4.18	2.73	3.89	4.15	4.22	3.40	6.29	3.21	4.57	3.04	3.28	4.14	3.00	2.35	3.96	3.97	4.71	51.78	57.95	---
250	CHAMBERS MOUNTAIN (R)	G-3	TVA	4300	16	3.31	3.30	1.30	2.86	4.11	3.67	0.97	2.61	3.64	2.35	3.13	2.95	3.81	5.72	3.14	4.51	4.08	2.42	3.23	2.59	0.96	2.28	3.03	2.33	34.71	37.59	---
251	CANTON	0-3	CP&LCO	2600	20	3.82	2.75	2.42	3.27	5.10	4.00	1.21	3.62	----	3.44	3.91	3.55	4.16	3.92	3.17	4.18	4.11	3.39	4.15	2.76	1.19	1.80	3.58	3.36	-----	40.04	---
253	DIX CREEK	G-3	TVA	3030	16	4.81	5.27	1.60	4.50	5.97	5.52	1.79	3.74	----	----	4.51	3.87	4.44	5.49	7.89	5.47	11.73	3.89	----	----	----	----	----	----	-----	-----	---
254	MT. PISGAH (R)	0-3	TVA	5300	16	3.43	5.19	3.03	4.26	5.86	5.37	1.54	4.42	4.41	4.53	5.52	5.09	5.13	7.24	4.68	7.45	14.10	5.60	9.58	5.21	1.98	4.33	6.73	4.72	65.99	63.41	---

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1950 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	FRENCH BROAD RIVER (CONT'D)																															
629	BIG EAST FORK PIGEON	G-3	TVA	3410	8	5.03	7.26	5.44	6.86	9.00	8.96	1.55	6.18	----	----	----	----	----	----	6.49	5.47	16.68	8.36	8.36	6.18	4.46	7.38	7.51	5.66	-----	-----	---
255	WOLF CREEK	G-3	TVA	1200	16	4.95	3.73	4.81	3.67	5.62	4.32	1.94	2.78	5.32	3.51	5.15	3.89	5.96	6.16	3.20	4.10	3.83	3.27	3.01	2.45	1.93	2.35	3.28	2.77	49.00	43.00	6.5
256	HOT SPRINGS	G-3	USWB	1335	45	4.50	3.00	3.87	2.80	5.44	4.50	2.36	3.70	5.83	3.60	6.29	4.20	6.51	5.10	2.54	5.10	2.98	2.90	2.21	2.80	1.95	1.90	3.50	4.50	47.98	44.10	6.0
256A	HOT SPRINGS AIRWAYS	G-3	USWB	1400	10	4.42	3.00	4.01	2.80	5.32	4.50	2.27	3.70	5.10	3.60	6.04	4.20	6.70	5.10	2.34	5.10	2.69	2.90	1.99	2.80	1.94	1.90	3.23	4.50	46.05	44.10	4.7
257	MAX PATCH MOUNTAIN (R)	G-3	TVA	4285	16	5.33	4.35	5.55	4.56	6.37	4.90	3.12	4.21	5.33	4.27	8.29	5.16	6.04	7.12	5.03	6.10	2.58	3.69	2.38	3.21	2.24	3.03	----	----	-----	-----	---
261	DOGGETT GAP	G-3	TVA	3800	16	4.77	4.38	3.20	3.90	5.37	4.87	1.21	3.44	4.69	3.52	5.66	4.52	6.84	6.61	3.15	5.91	5.18	3.18	2.90	3.09	1.67	2.98	3.70	3.13	48.34	49.53	15.0
259	CODY STORE	G-3	TVA	2450	16	4.68	3.97	3.41	3.60	#5.48	4.44	1.55	3.22	4.23	3.71	6.84	4.45	7.60	5.96	2.67	4.68	3.00	3.07	2.00	2.55	2.14	2.59	3.45	2.90	#47.05	45.14	8.7
672	SAMS GAP	G-3	TVA	3650	3	6.47		4.72		5.72		2.45		5.67		6.98		4.80		3.71		4.41		2.12		2.36		3.45		52.86		15.7
262	MARSHALL	G-3	USWB	1950	52	3.94	2.56	3.20	2.71	4.44	3.94	1.12	3.44	3.79	3.11	5.48	4.25	4.32	4.32	2.07	4.29	1.73	3.03	2.20	2.63	1.67	1.90	3.34	3.11	37.30	39.29	4.0
263	IVY	G-3	TVA	2140	16	4.54	3.62	3.08	3.41	4.81	4.07	1.33	2.93	4.57	3.40	5.63	4.16	3.27	4.29	1.31	4.08	1.88	2.49	1.94	2.32	1.76	2.34	3.05	2.41	37.17	39.52	6.2
264	BARNARDSVILLE	G-3	TVA	2250	16	3.95	3.60	2.83	3.43	4.42	4.09	1.45	2.84	4.52	3.12	6.17	4.48	2.08	5.03	2.22	4.45	1.72	2.60	1.65	2.67	1.31	2.59	2.55	2.51	34.87	41.41	---
666	WEAVERVILLE	G-3	TVA	2160	5	2.93		2.08		3.99		1.29		4.96		4.03		5.34		2.14		1.90		2.18		1.63		3.76		36.23		4.4
677	BEECH	G-3	USWB	2960	3	3.06		2.36		6.35		1.70		6.08		5.22		3.26		4.48		2.79		3.07		----		5.16		-----		---
265	LEICESTER	G-3	TVA	2100	16	3.02	3.32	1.95	2.99	4.14	3.78	1.14	2.98	4.72	3.05	4.92	3.92	6.30	5.06	3.55	4.84	3.29	2.53	1.95	2.43	1.94	2.45	3.50	2.54	40.42	39.89	4.2
267	ASHEVILLE (R)	G-3	USWB	2274	75	3.14	3.10	2.06	3.15	3.91	3.97	1.78	3.02	4.03	3.43	3.06	3.93	4.10	4.30	2.65	4.16	2.25	3.04	1.84	2.75	1.03	2.23	4.11	3.20	33.96	40.28	3.5
268A	BEETREE DAM	G-3	TVA	2540	3	3.63		2.44		4.90		1.16		4.45		3.77		4.14		3.65		6.75		2.83		1.07		4.30		43.09		3.1
268	BEETREE DAM (R)	G-3	TVA	2540	26	2.79	3.23	1.51	3.19	4.37	4.16	0.89	3.18	3.92	3.34	2.95	3.56	2.76	5.06	2.72	5.49	6.31	3.76	2.78	3.23	0.83	2.60	4.71	3.45	36.54	44.25	---
269	BEETREE GAP (R)	G-3	TVA	5190	16	5.01	4.26	3.15	4.00	5.42	4.90	1.41	3.63	5.96	3.72	7.67	4.70	5.71	6.74	4.24	6.59	7.56	4.09	3.79	3.56	1.91	3.18	5.35	3.46	57.18	52.83	---
270	SWANNANOA (NEAR)	G-3	USWB	2250	20	3.14	3.63	1.59	3.26	4.27	4.23	0.93	3.03	3.02	2.97	----	----	1.95	5.08	----	----	7.51	3.26	3.32	3.48	0.96	2.54	4.54	3.50	-----	-----	---
271A	NORTH FORK NO. 2	G-3	USWB	2520	8	3.94	4.49	2.43	4.03	5.35	5.33	1.27	3.37	6.87	4.49	3.85	4.52	4.23	6.12	3.83	5.55	8.85	5.12	3.75	3.70	1.39	3.22	4.54	3.54	50.30	53.48	5.4
271	NORTH FORK (R)	G-3	TVA	2765	25	4.63	4.37	3.42	4.38	7.22	5.34	1.23	4.23	6.14	4.25	6.22	4.66	5.43	6.43	3.14	6.71	12.97	4.81	4.38	4.37	1.58	3.69	5.23	4.47	61.59	57.71	---
700	BLACK MOUNTAIN	G-3	USWB	2400	1	4.01		2.03		6.50		1.08		4.72		3.23		3.22		3.68		12.04		5.25		2.97		4.88		53.61		---
273	POINT LOOKOUT	G-3	USWB	2320	16	3.86	4.09	2.77	4.01	7.43	5.10	1.03	3.96	6.40	4.75	3.91	4.47	4.51	7.92	4.25	6.10	16.75	6.33	4.90	4.78	1.54	4.08	7.82	4.15	65.17	59.74	---
274	ENKA	G-3	USWB	2075	20	3.12	3.28	1.92	2.96	#4.94	3.45	1.10	3.04	3.84	2.77	3.78	3.41	3.41	4.92	2.25	3.83	3.91	2.49	2.92	2.48	1.27	1.99	3.85	2.98	#36.31	37.60	---
266	ROCKYFACE MOUNTAIN	G-3	TVA	3000	16	3.93	3.60	1.95	3.27	5.11	4.06	1.69	2.90	3.71	2.98	4.42	3.69	5.24	4.77	3.42	4.80	8.07	3.16	3.62	2.60	1.32	2.44	4.06	2.65	46.54	40.92	3.4
275	BENT CREEK	G-3	USFS	2100	17	3.17	4.03	2.47	3.33	5.49	4.32	0.94	3.27	4.60	3.03	3.60	3.94	4.22	5.64	3.75	4.56	5.11	2.80	2.84	3.05	1.00	2.82	5.55	3.17	42.74	43.96	---
276	A & B AIRPORT	G-3	USWB	2094	16	2.17	4.40	1.40	3.72	5.71	4.78	1.03	3.31	4.87	3.68	2.79	3.56	8.87	6.38	3.66	5.12	3.00	3.18	3.03	3.22	0.77	3.03	5.15	3.41	42.45	47.79	2.0
277	GARREN CREEK	G-3	TVA	2600	15	4.27	5.08	2.32	4.25	7.15	5.51	1.01	4.15	5.39	4.06	4.73	5.75	5.79	7.05	6.38	7.59	14.93	5.40	8.10	5.02	1.66	4.13	8.72	4.46	70.45	62.45	5.5
278	BLUE RIDGE POST OFFICE (R)	G-3	TVA	2270	16	3.28	4.88	2.33	4.16	6.43	5.09	0.98	3.69	6.28	4.26	4.20	4.47	12.36	7.20	4.74	5.91	9.94	5.08	5.12	4.21	1.41	3.71	6.05	4.18	63.12	56.84	---
279	HENDERSONVILLE	G-3	USWB	2153	54	3.94	4.55	1.86	4.60	7.01	5.31	1.05	4.23	5.73	4.86	4.46	5.54	11.31	6.07	2.66	6.08	6.78	4.75	5.08	4.52	1.37	3.03	7.38	5.88	58.63	59.42	2.0
279A	HENDERSONVILLE	G-3	TVA	2090	3	3.95		1.81		6.54		1.22		5.12		5.36		11.06		1.82		6.88		5.04		1.32		7.16		57.28		2.0
280	RUSH MOUNTAIN	G-3	TVA	2900	16	5.28	6.85	3.76	5.48	7.70	6.87	1.85	5.14	6.61	4.69	5.85	4.71	9.30	7.98	5.44	8.62	9.60	5.10	5.70	5.47	1.44	5.45	7.77	6.23	70.30	72.59	---
282	PINK BEDS (R)	G-3	TVA	3300	15	4.35	6.74	4.05	5.99	8.31	6.98	2.79	5.55	3.43	4.95	5.84	5.45	6.70	6.64	5.86	7.39	13.49	5.52	7.11	5.26	1.95	5.16	7.21	6.68	71.09	72.31	---
281A	MILLS RIVER	G-3	NC	2090	16	3.02	5.27	1.86	4.31	6.07	4.81	1.39	3.65	5.28	4.17	3.27	4.26	7.75	7.00	4.74	5.68	5.67	3.94	4.46	3.68	0.60	3.50	5.89	3.99	50.00	54.26	---
283	CEDAR MOUNTAIN (R)	G-3	TVA	2750	15	5.48	7.43	4.38	6.29	7.83	7.54	2.15	5.70	7.02	5.46	10.17	6.28	13.53	8.69	6.05	9.37	10.92	5.73	8.09	5.70	1.89	6.18	8.03	6.85	85.54	81.22	---
284	CAESARS HEAD	G-3	USWB	3115	26	4.55	6.77	2.84	5.45	7.30	6.57	#2.89	5.11	7.90	4.95	6.09	5.25	12.47	7.15	6.59	8.12	7.73	5.69	5.74	5.51	1.59	5.57	7.38	7.16	#73.07	73.30	---
476	PISGAH FOREST	G-3	USWB	2150	11	4.81	5.40	2.40	4.74	7.63	6.83	1.30	4.02	3.86	5.08	7.99	5.24	9.01	7.35	4.20	7.07	8.26	4.70	6.41	3.85	1.30	4.67	6.37	5.44	63.54	64.39	---
662	GLOUCESTER GAP (R)	G-3	TVA	3050	5	4.71		3.96		7.55		1.67		4.64		7.41		8.24		6.70		14.75		8.15		2.61		7.56		77.95		---
678	PISGAH FOREST (NEAR)	G-3	USWB	2760	3	4.08		4.88		8.43		1.86		3.76		6.60		----		DISCONTINUED AUGUST 11, 1950										-----		---
285	BREVARD	G-3	USWB	2250	48	5.67	4.50	2.71	4.40	7.80	5.10	1.44	4.40	4.02	5.20	6.43	5.80	10.78	6.80	5.12	6.60	8.30	4.90	6.11	4.90	1.47	3.20	#6.86	5.80	#66.71	61.60	---
286A	ROSMAN NO. 2	G-3	TVA	2200	16	6.17	7.34	3.47	6.26	7.84	7.08	1.95	5.47	4.40	5.25	9.39	5.25	9.86	9.15	6.85	8.18	9.85	5.16	7.02	5.08	2.32	5.54	6.11	6.31	75.23	76.07	---
640	SASSAFRAS MOUNTAIN	G-3	TVA	3500	9	6.40	6.96	3.15	6.11	7.41	8.37	2.66	5.04	7.13	5.86	9.76	6.05	8.30	10.13	4.57	6.67	10.63	7.32	7.81	6.22	1.71	7.04	5.84	6.68	75.37	82.45	---
663	QUEBEC (R)	G-3	TVA	2600	5	4.92		4.87		8.43		1.44		5.48		7.32		8.30		6.08		12.89		5.82		2.32		8.04		75.91		---
	UNCLASSIFIED STATIONS																															
412	JACKSON SUBSTA.	A-3	TVA	359	12	16.41	6.13	8.48	4.89	7.02	5.63	4.02	4.64	6.67	4.36	4.11	4.96	5.80	3.91	7.33	4.37	4.83	3.39	2.09	2.84	5.48	5.26	3.69	4.70	75.93	55.08	2.5
413	MARTIN SUBSTA.	A-2	TVA	385	12	15.90	5.03	8.51	4.81	6.41	5.74	4.30	4.27	6.84	4.17	4.75	4.22	8.99	4.21	5.24	3.56	5.03	3.00	0.99	3.26	5.52	4.54	2.49	3.94	74.97	50.75	3.4
414	MEMPHIS SUBSTA.	-	TVA	295	12	14.55	5.90	7.25	4.76	6.09	5.46	1.67	4.40	7.39	3.83	2.59	3.93	4.53	2.84	4.65	2.65	3.95	2.56	2.72	3.36	4.80	4.76	2.88	4.44	63.07	48.89	1.3
415	TUPELO SUBSTA.	A-4	TVA	256	12	8.96	5.93	7.21	5.78	8.47	7.26	1.47	3.71	4.32	3.19	3.04	4.09	6.84	4.26	6.06	2.84	8.04	3.65	1.88	1.75	3.87	5.02	4.88	4.39	65.04	51.87	2.5
454	CARTHAGE SUBSTA.	D-2	TVA	500	11	15.62	5.60	4.65	4.85	4.06	5.15	1.80	3.46	8.03	4.44	5.60	4.44	8.18	4.39	5.00	4.14	#3.20	2.70	1.39	2.27	6.71	4.70	2.09	4.14	#66.33	50.28	---
455	LEBANON SUBSTA.	C-2	TVA	530	37	14.00	5.00	5.69	4.08	4.70	5.49	1.36	4.27	6.23	4.64	5.56	4.34	8.18	4.27	6.37	4.31	4.90	2.88	0.84	3.20	6.18	3.99	1.56	4.61	65.57	51.08	8.0
469	SOUTH NASHVILLE SUBSTA.	C-2	TVA	425	11	13.90	6.09	7.76	4.58	4.79	5.35	1.10	3.31	4.75	3.98	5.07	2.99	5.58	4.01	5.59	3.38	5.14	3.12	1.77	2.05	5.45	4.05	2.26	4.13	63.16	47.04	3.7
639	BOWLING GREEN SUBSTA.	C-1	TVA	470	7	14.01	6.14	4.93	5.58	3.68	4.95	2.55	3.55	6.79	4.23	4.90	3.60	8.16	4.35	3.67	3.48	6.15	3.79	1.65	2.04	4.67	4.04	2.22	4.02	63.38	49.77	5.9
683	RUSSELLVILLE SUBSTA.	C-2	TVA	576	3	14.55		6.50		4.59		3.19		5.96		9.25		8.64		7.03		10.24		1.46		5.59		2.68		79.68		---
684	SUMMER SHADE SUBSTA.	D-2	TVA	-	3	15.84		4.26		4.61		2.63		4.45		7.11		8.61		3.51		5.50		3.63		4.78		2.03		66.96		---
697	BYRDSTOWN	D-2	TVA	980	1	12.75		4.54		4.53		2.47		6.43		9.61		8.59		6.20		3.80		1.25		6.18		3.13		69.48		---
698	JAMESTOWN	E-2	TVA	1700	1	14.94		6.38		4.56		2.19		7.72		8.38		9.31		3.46		3.43		1.05		5.51		3.09		70.02		10.5
706	COOKEVILLE	D-2	TVA	1100	33	RE-ESTABLISHED NOVEMBER 16, 1950																				----	----	2.93	4.70	-----	-----	---

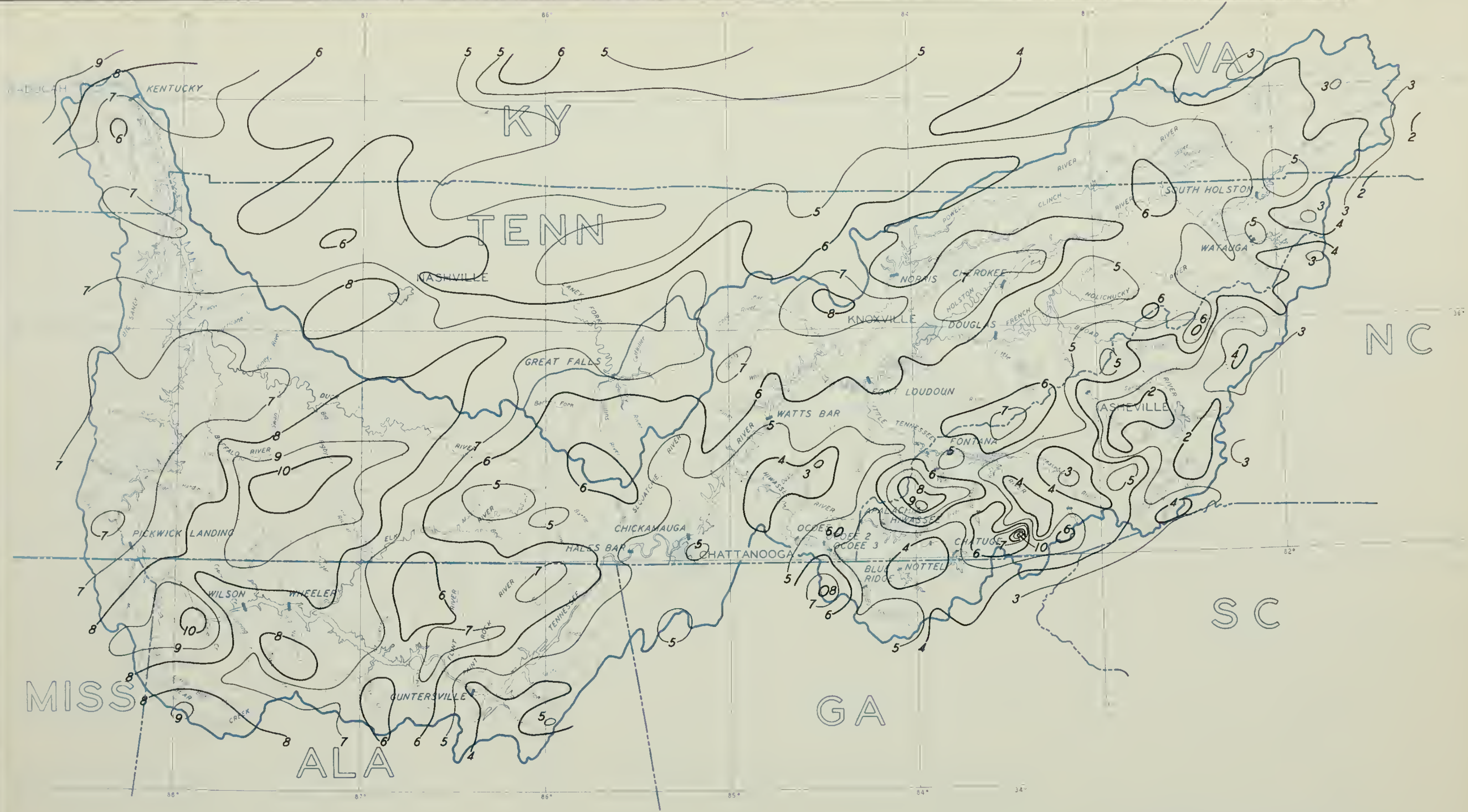
(#) Interpolated or partly interpolated. (R) Recorder at present.



TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN

PRECIPITATION—JANUARY 1950



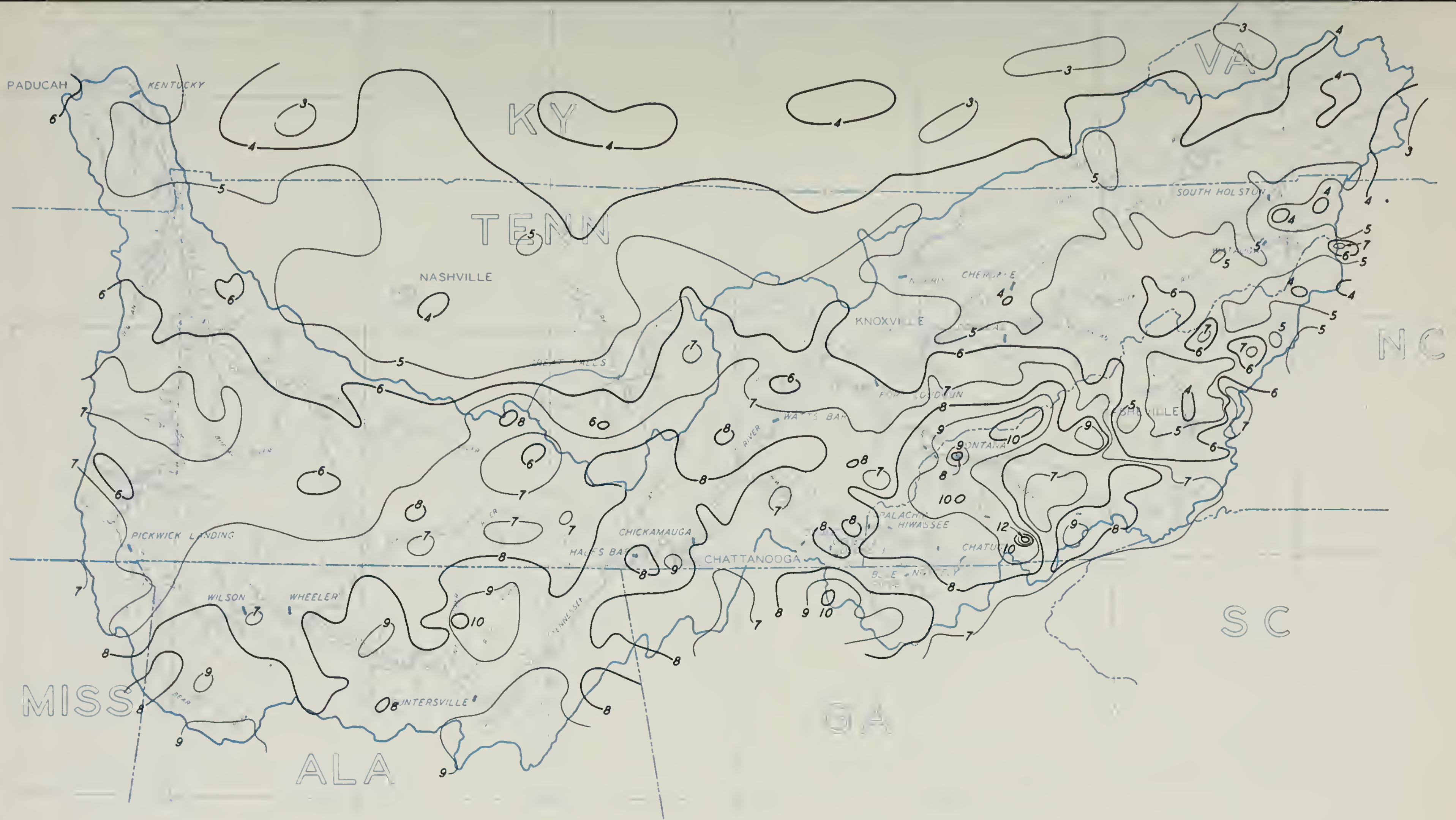
TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION—FEBRUARY 1950

SCALE 0 10 20 30 40 50 MILES

SYMBOLS:

—6—	Rainfall in Inches
—·—·—	State Lines
▬	Dams
⊏⊐	Dams Under Construction



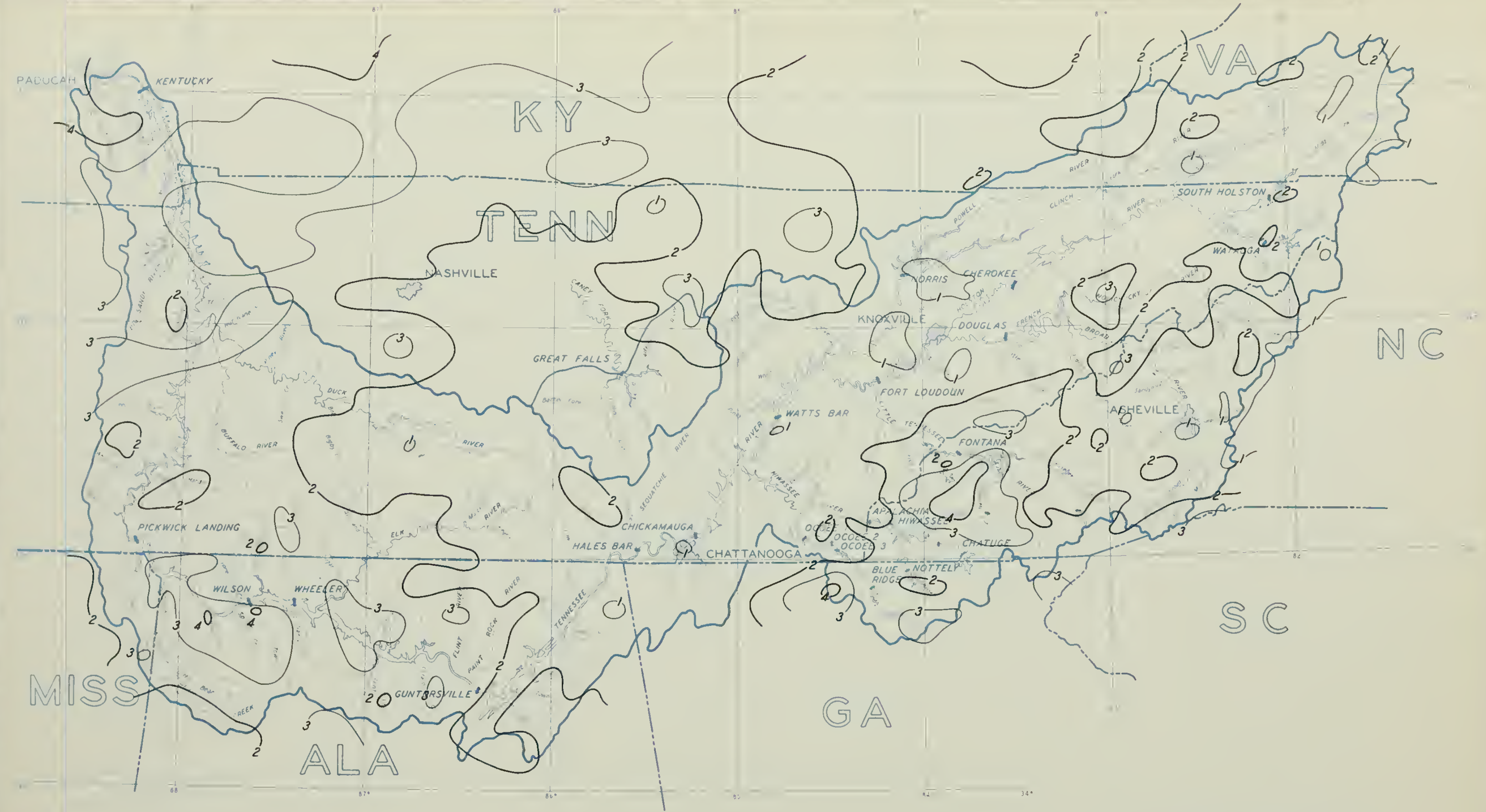
TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION–MARCH 1950

SCALE 0 10 20 30 40 50 MILES

SYMBOLS:

—6—	Rainfall in Inches
—·-·—	State Lines
▬	Dams
⬚	Dams Under Construction



SYMBOLS:

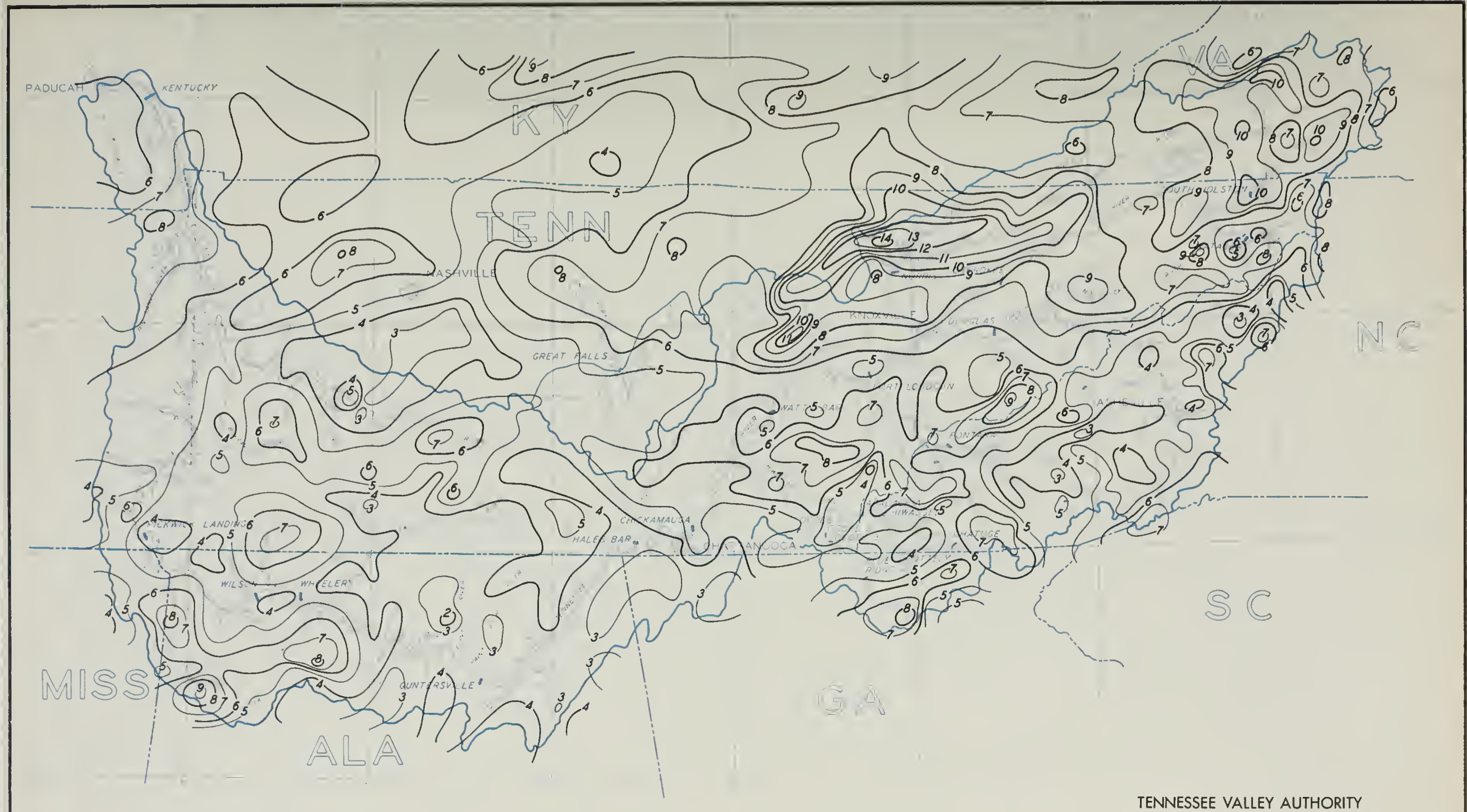
- 2 Rainfall in Inches
- State Lines
- ▬ Dams
- ⬚ Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN

PRECIPITATION—APRIL 1950

SCALE 0 10 20 30 40 50 MILES



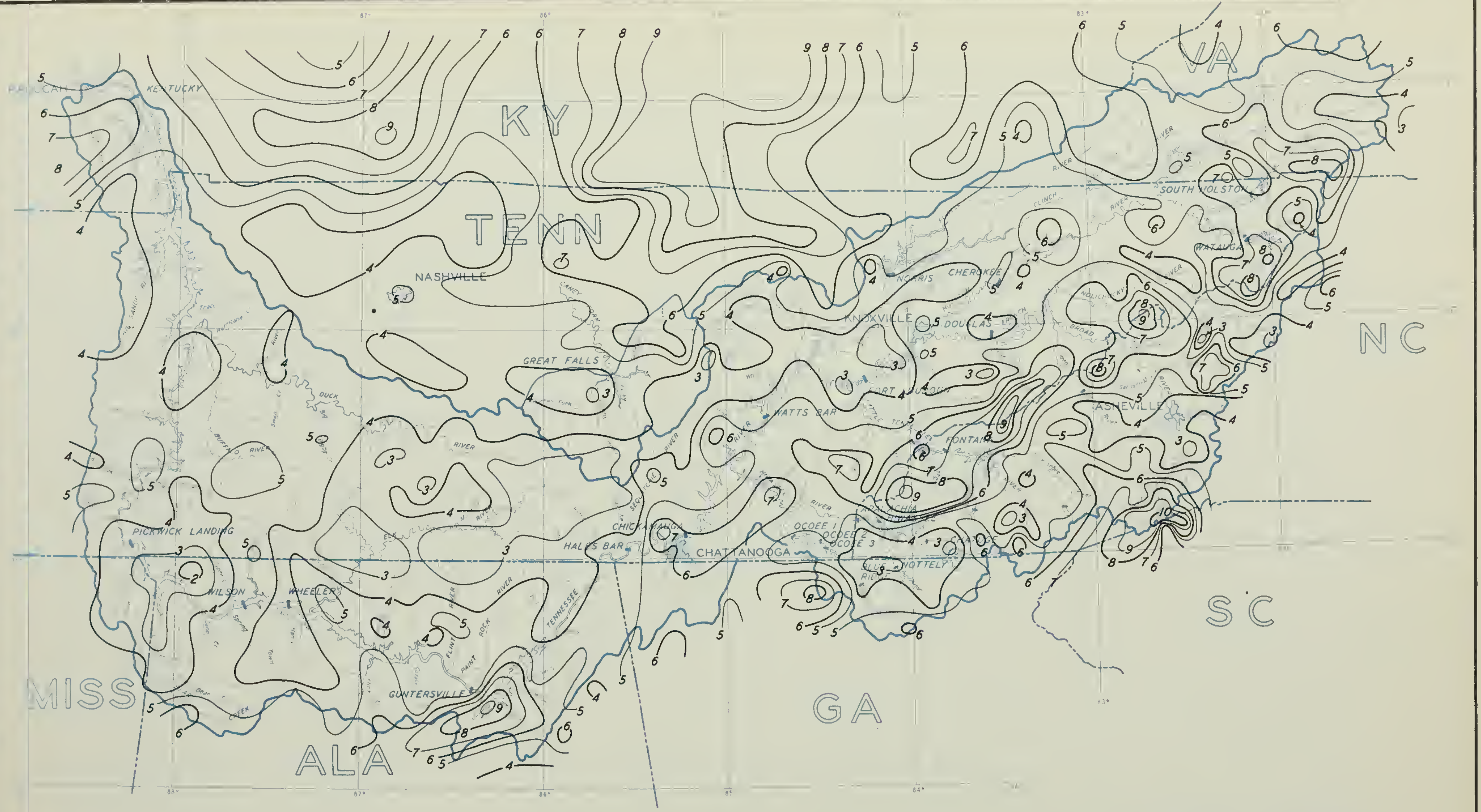
TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION—MAY 1950

SCALE 0 10 20 30 40 50 MILES

SYMBOLS:

- —4— Rainfall in Inches
- —·—·— State Lines
- ▬ Dams
- ▭ Dams Under Construction



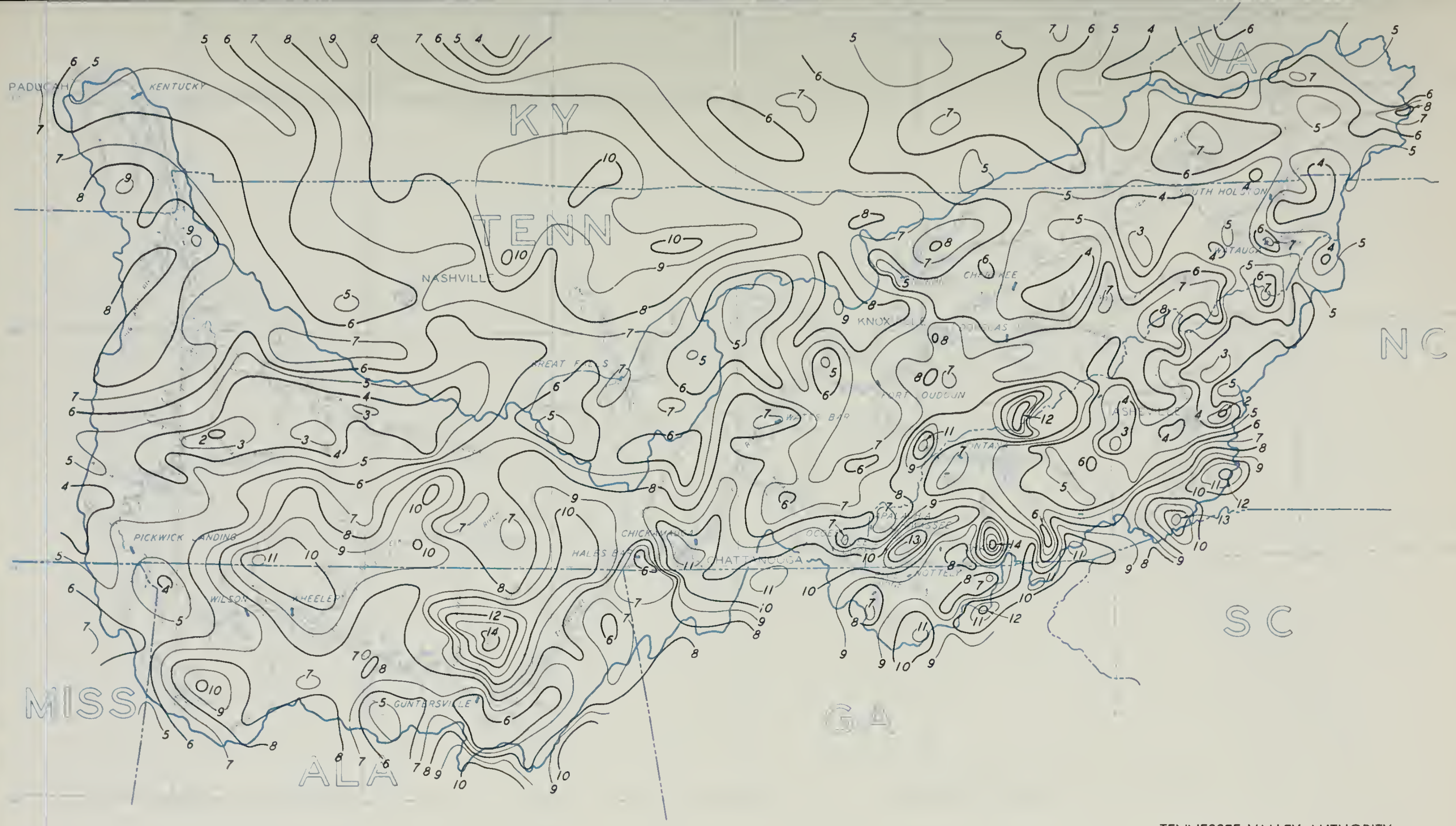
TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION—JUNE 1950

SCALE 0 10 20 30 40 50 MILES

SYMBOLS:

—2—	Rainfall in Inches
—·—·—	State Lines
▬	Dams
⊏⊐	Dams Under Construction



SYMBOLS:

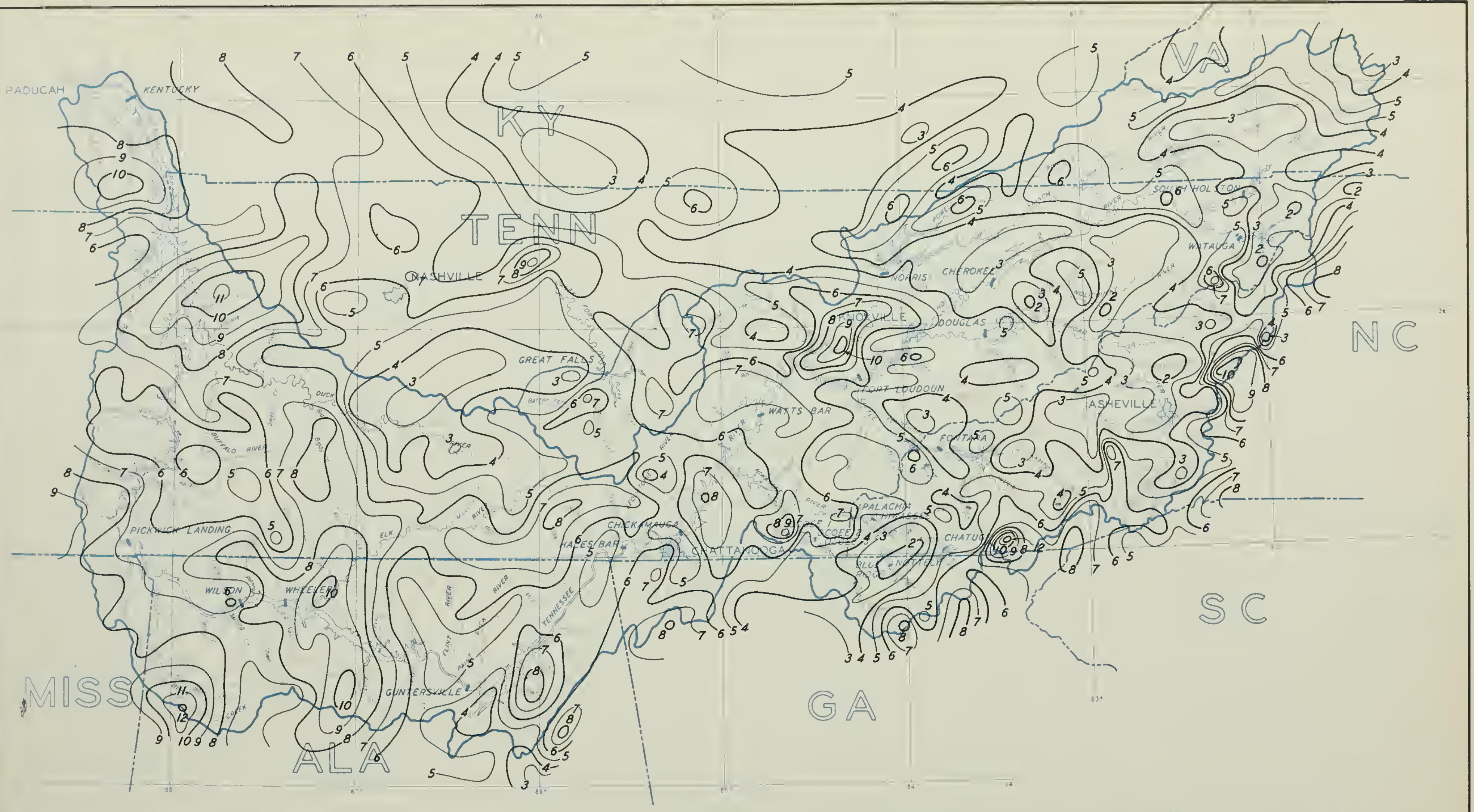
- —8— Rainfall in Inches
- —·—·— State Lines
- ▬ Dams
- · Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN

PRECIPITATION—JULY 1950

SCALE 0 10 20 30 40 50 MILES



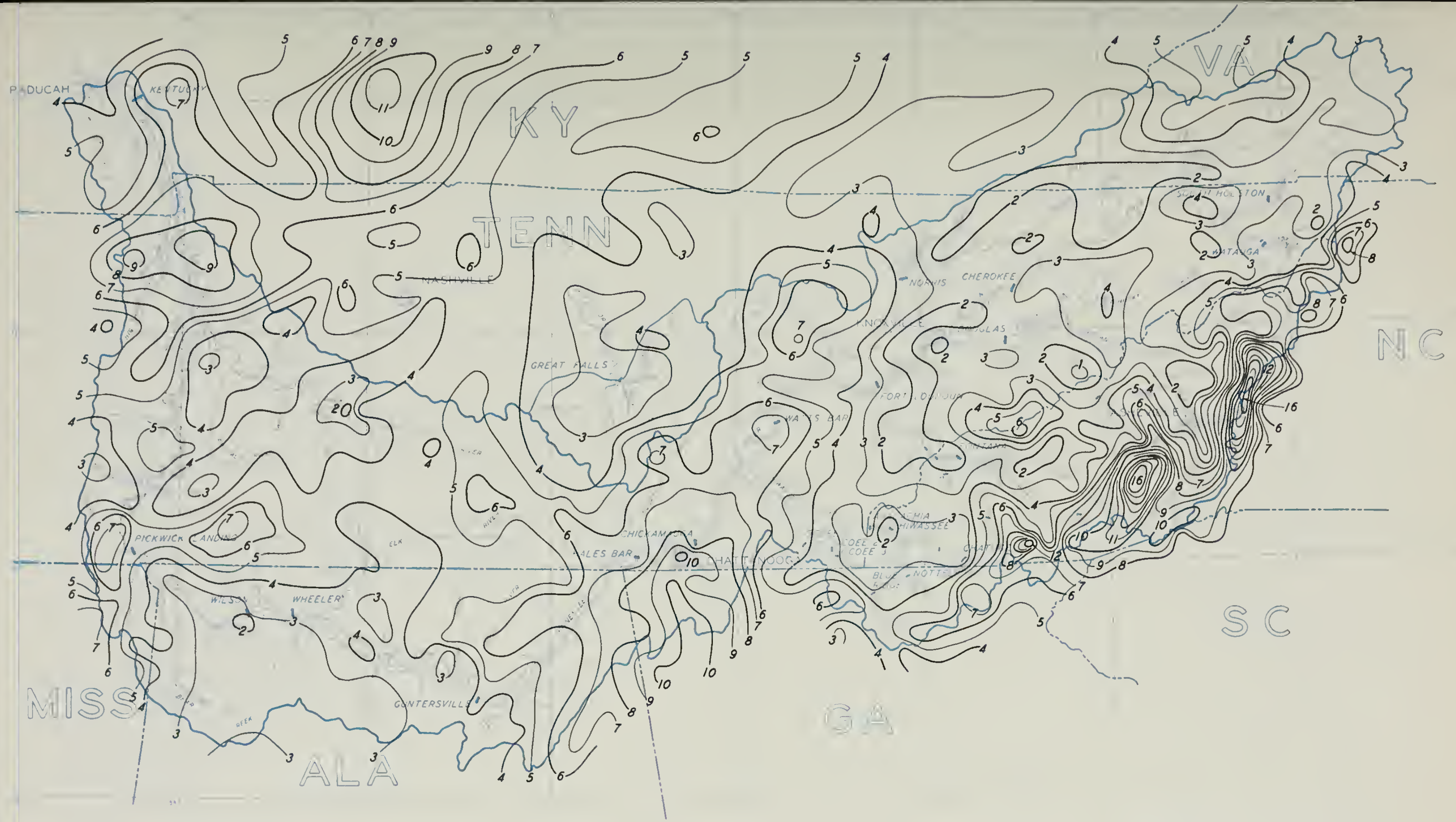
SYMBOLS:

- 2 Rainfall in Inches
- State Lines
- ▬ Dams
- ⊏⊐ Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION—AUGUST 1950

SCALE 0 10 20 30 40 50 MILES



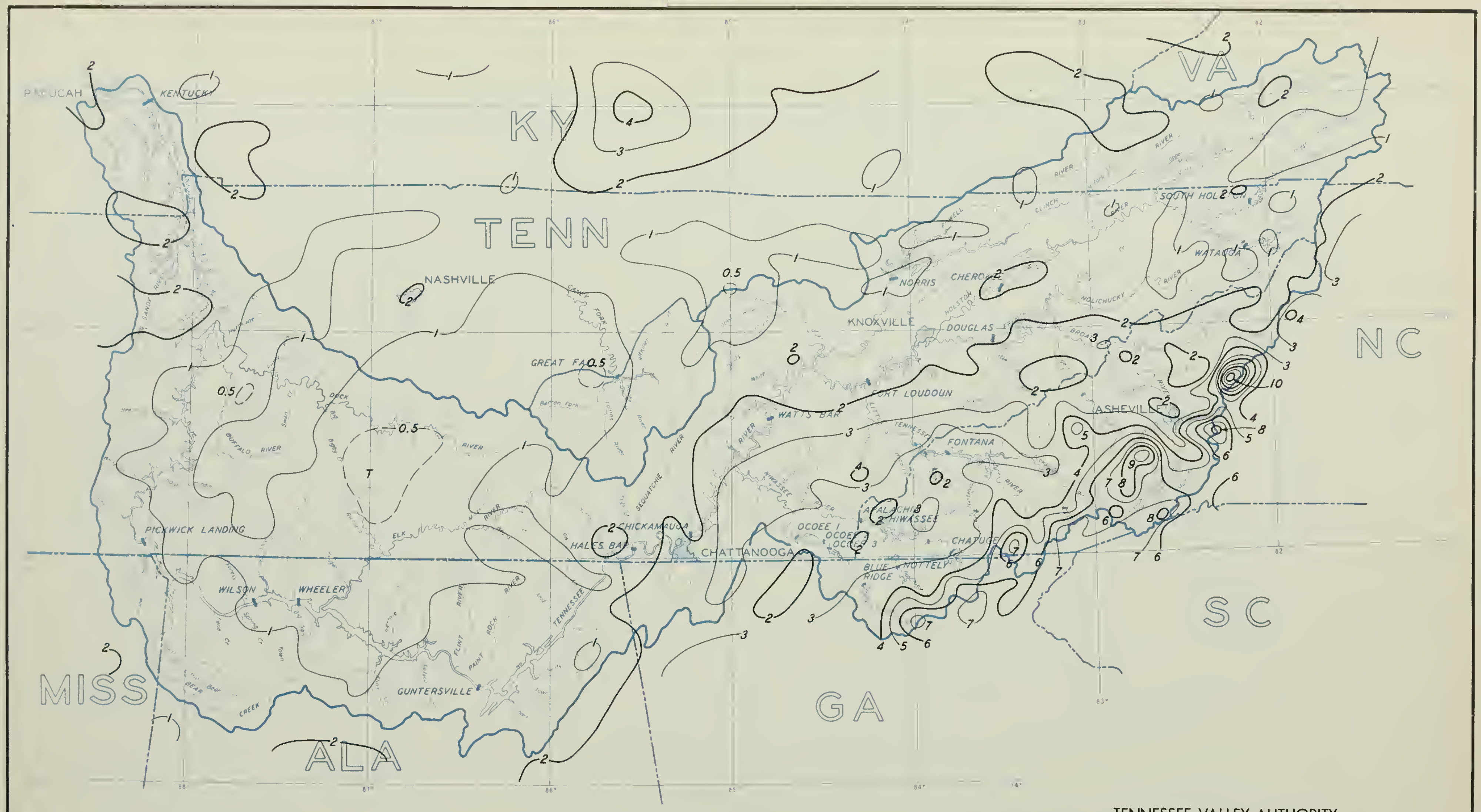
TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION—SEPTEMBER 1950

SCALE 0 10 20 30 40 50 MILES

SYMBOLS:

—2— Rainfall in Inches
—·—·— State Lines
▬ Dams
⬚ Dams Under Construction



SYMBOLS:

—2— Rainfall in Inches

—·—·— State Lines

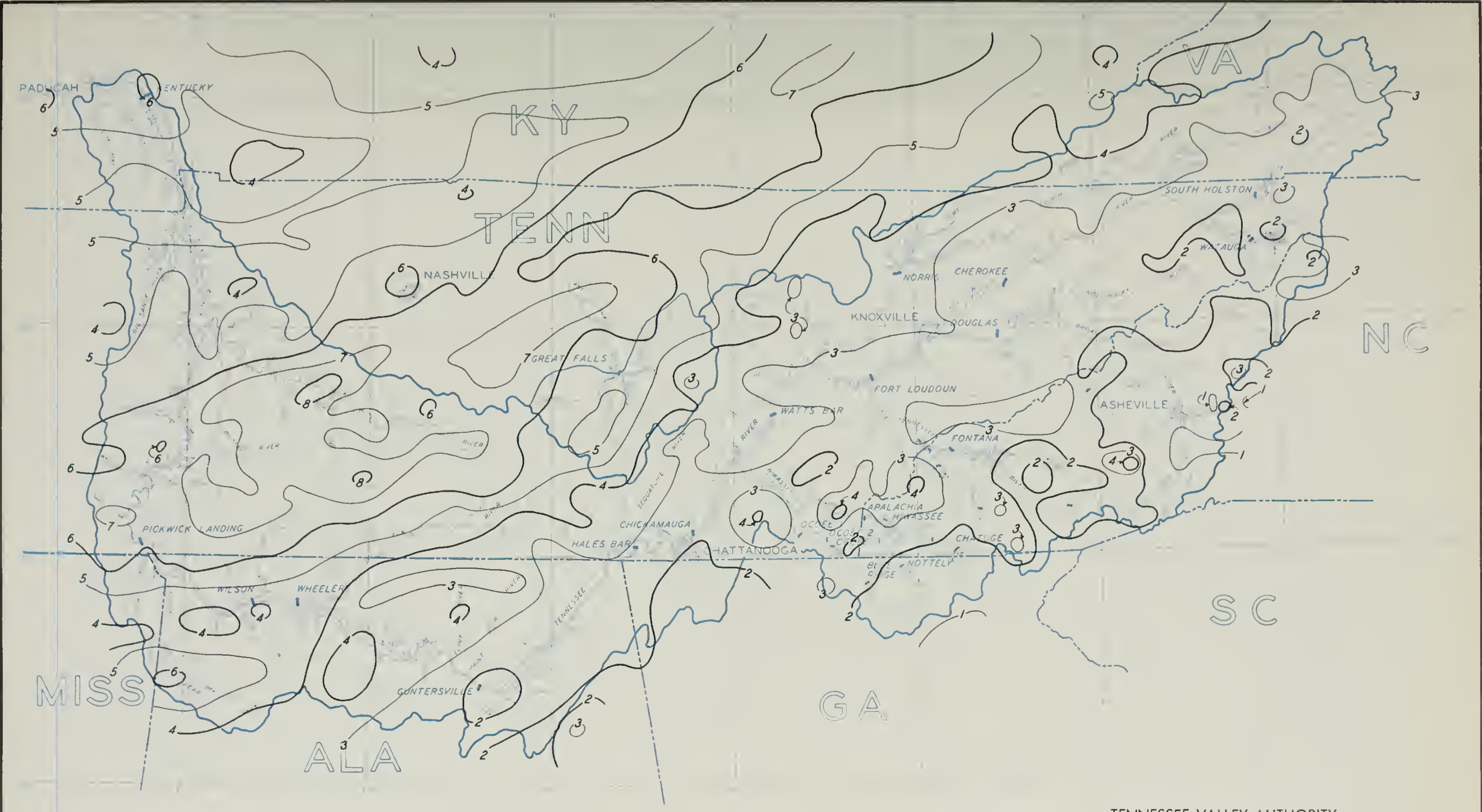
▬ Dams

⊏⊐ Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION—OCTOBER 1950

SCALE 0 10 20 30 40 50 MILES



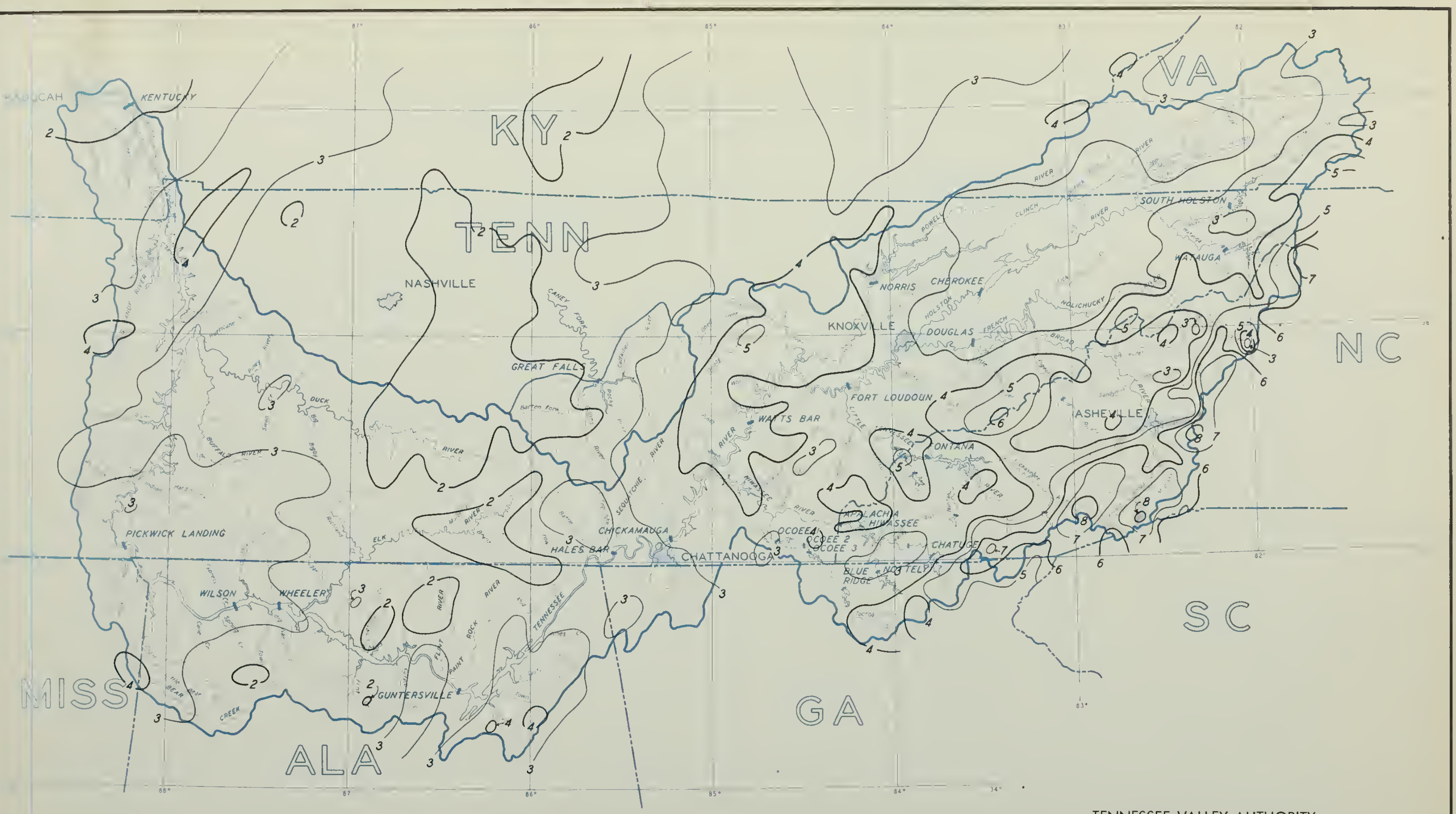
TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION—NOVEMBER 1950

SCALE 0 10 20 30 40 50 MILES

SYMBOLS:

—2— Rainfall in Inches
—·—·— State Lines
▬ Dams
▫ Dams Under Construction



SYMBOLS:

- 2 — Rainfall in Inches
- State Lines
- ▬ Dams
- ⬚ Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION—DECEMBER 1950

SCALE 0 10 20 30 40 50 MILES

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TENNESSEE VALLEY AUTHORITY
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RECIPITATION
IN TENNESSEE RIVER BASIN
ANNUAL 1951

PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1951

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TENNESSEE VALLEY AUTHORITY
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JAMES S. BOWMAN, Chief Water Control Planning Engineer
HYDRAULIC DATA BRANCH
ALBERT S. FRY, Chief of Branch

PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1951

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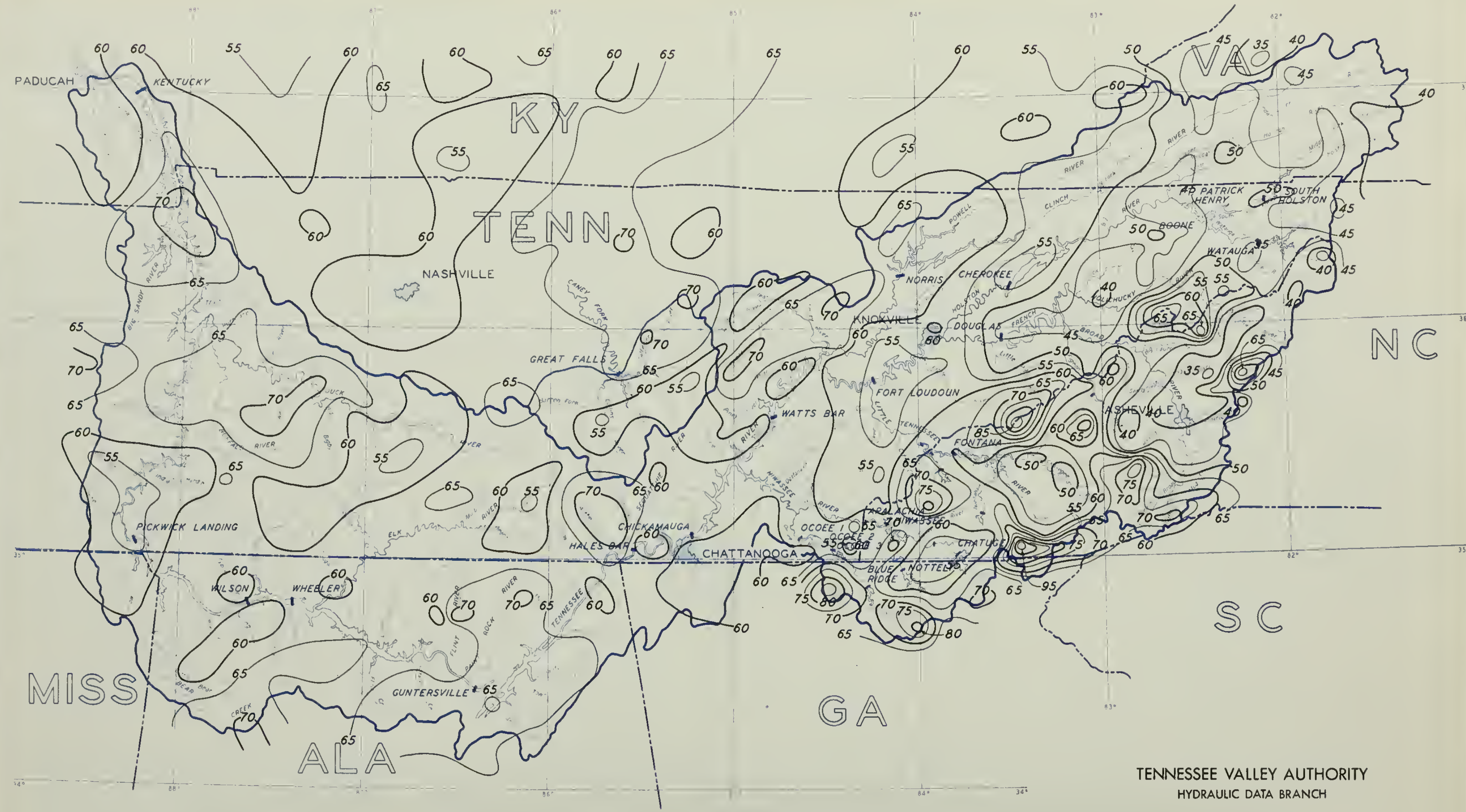


SYMBOLS:

—60—	Rainfall in Inches
—·—·—	State Lines
▬	Dams
▭	Dams Under Construction

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION YEAR—1951

SCALE 0 10 20 30 40 50 MILES

PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1951

The year 1951 was the fourth consecutive year of above normal precipitation over the Tennessee River Basin and the seventh wettest year in the past 62 years. The Valley-wide average of 58.53 inches exceeded the 60-year mean of 51.38 inches by 7.15 inches. In the area above Hales Bar, the 1951 average of 54.79 inches was 3.87 inches greater than the long-term mean of 50.92 inches. Below Hales Bar, the average for 1951 was 62.76 inches, 10.87 inches more than the mean of 51.89 inches. In the lower half of the Valley the year was the second wettest since TVA began operations, the total being exceeded only by the record precipitation of 1950.

Monthly precipitation over the Basin was above the long-term mean in eight months. Less than normal rainfall occurred in May, July, August, and October. The wettest month was December with an average of 8.51 inches; the driest was May with 1.69 inches. In the area below Hales Bar the average of 0.71 inch for May 1951 was the least precipitation for the month in 62 years of record.

For the first time since 1948 no published station recorded more than 100 inches for the year. The maximum reported precipitation for 1951 was 95.69 inches at Coweeta No. 8, North Carolina, located in the Coweeta Hydrologic Laboratory watershed in the Little Tennessee River headwaters. The average for the past 16 years at this station is 93.39 inches. The total at Coweeta No. 8 was a maximum for the 5,400-acre area, although 7 other stations in the area registered more than 90 inches. The 1951 average for the 69 stations in the Coweeta watershed was 80.0 inches.

Except for the Coweeta area, no other station in the Tennessee Valley registered more than 90 inches. The maximum annual precipitation elsewhere in the Basin was 88.62 inches at Clingmans Dome, North Carolina. Three other stations, all in the Hiwassee-Ocoee River watershed, recorded over 80 inches. Twenty-two stations, about equally divided between the east and west halves of the Valley, reported 70 to 80 inches.

Twenty-four stations, all located in the Holston and French Broad River watersheds, recorded less than 40 inches of precipitation in 1951. The minimum amount was 31.88 inches at Beetree Dam in the Swannanoa River area 10 miles northeast of Asheville, North Carolina. The second lowest total for the year was 34.21 inches at Mast, North Caroline, in the Watauga River headwaters.

The heaviest monthly precipitation during 1951 occurred in December. Monthly totals exceeding 10 inches were recorded in that month over most of the western half of the Valley and along the Blue Ridge in the eastern section. The month was the wettest December since 1942 over the whole Valley and the wettest since 1926 in the western portion. The maximum station total recorded was 16.26 inches at Haleyville, Alabama, in the Bear Creek watershed.

The lowest monthly precipitation occurred in May. It was the driest May in the Tennessee Valley since 1941 and the fourth driest in 62 years of record. Seven West Tennessee stations registered 0.10 inch or less for the month with a minimum of zero at McEwen, Tennessee, in the Duck River area. Drought conditions prevailed over a large part of the Valley in May for the first time since September 1948.

The greatest precipitation recorded in 24 hours was 7.34 inches at Stanley Gap, Georgia, on March 28-29. Over 9 inches fell at the station during a 31-hour storm on these two dates. Totals of 5 to 7 inches of precipitation were common across the southern portion of the Valley, and high floods occurred on streams in that area.

Among the watershed subdivisions, the maximum for 1951 was 70.8 inches over the Toccoa River area above Blue Ridge Dam, Georgia. This was the fourth wettest year in 15 years of record in the area. The watershed of the Toccoa River above the Dial, Georgia, stream gage, approximately three-quarters of the whole area above Blue Ridge Dam, averaged 73.1 inches of precipitation. The calendar year runoff at Dial was 36.8 inches, or 50.3 percent of the rainfall. Thirty-one other subdivisions in the Valley averaged 60 to 70 inches of precipitation in 1951. The minimum subdivision average precipitation was 39.8 inches over the French Broad River area between Bent Creek and Asheville, North Carolina. This was the driest year in the area since 1941. Eleven other areas averaged less than 50 inches for the year. Precipitation in all watershed subdivisions is shown on the map on page 7, and both precipitation and runoff on selected watersheds are tabulated on page 6.

The distribution of 1951 precipitation over the Basin is shown on the frontispiece. Precipitation gradients between ridge and valley stations were not as steep as in the last several years. The greatest drop in annual amounts in 1951 was 38.4 inches in the 8 miles between Coweeta No. 8 and Otto, North Carolina.

Snowfall was reported in January, February, March, April, May, November, and December. The heaviest general snows occurred in the first three months. Late in January and early in February a heavy snowfall over a layer of ice crippled highway traffic in the western half of the Valley. The ice storm that preceded the snowfall caused very heavy damage to Southern Bell Telephone and Telegraph Company lines. The company estimated the loss in the 5-state area affected at $5,000,000. Of the 306 stations that reported snowfall for the year, approximately 38 percent recorded less than 5 inches, 34 percent had 5 to 10 inches, 21 percent had 10 to 20 inches and 7 percent reported over 20 inches. The maximum of 48.1 inches occurred at Mount Mitchell North Carolina. Jewell Ridge, Virginia, Parker and McKinney Gap, North Carolin registered 27 to 30 inches. The average snow depth for the year over the whole Tennessee Valley was 7.5 inches. The average in the area west of Chattanooga was 8.6 inches and in the area east of Chattanooga 6.9 inches. In the Cumberland Plateau area above Great Falls Dam the average depth of snowfall for the year was 9.2 inches.

Monthly Reports

Monthly issues of the bulletin "Precipitation in Tennessee River Basin" published during 1951 contain tabulations of daily precipitation at stations in and near the Valley, isohyetal maps of monthly total precipitation, monthly mean precipitation on watershed subdivisions, discussions of weather conditions and storms, rainfall and runoff on selected watersheds, intense rainfall data, and other information.

Reprints of the monthly isohyetal maps, usually included with the annual issue, are omitted this year.

Special Reports

A total of thirteen special investigations of storms and other phenomena in the Tennessee Valley was reported upon in monthly issues of this publication during 1951. A list of these reports and the date of the issue in which they were published follows:

SPECIAL STORM INVESTIGATIONS DURING 1951

Storm	Monthly Bulletin Containing Report
Ice Storms, Low Temperatures, and Floods in Western Half of Tennessee Valley	February
Hailstorm of May 20, 1951, in Henderson County, North Carolina	May
Windstorm of July 4, 1951, in vicinity of Elizabethton, Tennessee	July
Hailstorm of July 19, 1951, in Washington County, Virginia	July
Intense Rainstorm of July 25, 1951, near Parksville, Tennessee	July
Intense Rainstorm of July 28, 1951, at Greeneville, Tennessee	July
Intense Rainstorm of July 28, 1951, on Coleman Branch near Cove Creek, North Carolina	July
Hailstorms of July 28 and 29, 1951, near Ironduff and Cove Creek, North Carolina	July

SPECIAL STORM INVESTIGATIONS DURING 1951 (Cont'd)

Storm	Monthly Bulletin Containing Report
Flood of September 1, 1951, in and near Gatlinburg, Tennessee	September
Flood of September 1, 1951, in Jonathan Creek Basin, Haywood County, North Carolina	September
Windstorm of November 15, 1951, in Lauderdale County, Alabama	November
Tornadoes of December 7, 1951, near Lawrenceburg, Tennessee	December
Tornado of December 7, 1951, near Crossville, Tennessee	December

TENNESSEE RIVER BASIN PRECIPITATION DURING 1951

Precipitation in Inches

Month	Above Hales Bar 1951	Below Hales Bar 1951	Tennessee River Basin 1951	Tennessee River Basin Mean	Deviation from Mean Monthly	Deviation from Mean Cumulative
January	3.49	7.36	5.30	4.75	+0.55	+0.55
February	4.70	6.44	5.51	4.69	+0.82	+1.37
March	7.25	7.52	7.38	5.53	+1.85	+3.22
April	4.58	4.96	4.76	4.43	+0.33	+3.55
May	2.55	0.71	1.69	4.14	-2.45	+1.10
June	5.85	6.04	5.94	4.29	+1.65	+2.75
July	4.66	4.18	4.44	4.98	-0.54	+2.21
August	2.26	1.83	2.06	4.33	-2.27	-0.06
September	4.77	4.37	4.58	3.15	+1.43	+1.37
October	2.07	2.41	2.23	2.93	-0.70	+0.67
November	5.71	6.60	6.13	3.43	+2.70	+3.37
December	6.90	10.34	8.51	4.73	+3.78	+7.15
Total	54.79	62.76	58.53	51.38		

Mean precipitation figures are for the period 1890-1949.

ANNUAL STREAM FLOW IN INCHES - 1951

Tennessee River at	Water Year		Calendar Year	
	1951	Mean	1951	Mean
Knoxville	18.74	19.66	19.73	19.67
Chattanooga	21.67	23.87	23.88	23.88

MAXIMUM PRECIPITATION

FOR VARIOUS TIME INTERVALS DURING 1951

Sta. No.	Station Name	Date of Record	Duration hours	Precipitation inches
413	Martin Substation, Tenn.	June 3	0.3	1.19
585	Elora, Tenn.	July 22	0.4	1.70
261	Doggett Gap, N. C.	September 1	0.5	2.10
250	Chambers Mountain, N. C. (R)	September 2	0.7	2.60
210	Mt. Le Conte, Tenn.	September 1	1.0	4.00
407	Cataloochee Ranch, N. C.	September 1	1.2	4.80
99	Parksville Dam, Tenn.	July 25	2.0	4.62
590	McEwen, Tenn.	June 19-20	3.0	4.40
109	Flat Top, Ga. (R)	September 22	6.0	4.60
109	Flat Top, Ga. (R)	September 22	7.0	5.16
109	Flat Top, Ga. (R)	September 22	8	5.34
109	Flat Top, Ga. (R)	September 22	9	5.66
109	Flat Top, Ga. (R)	September 22	10	6.00
109	Flat Top, Ga. (R)	September 22	11	6.14
109	Flat Top, Ga. (R)	September 22	12	6.25
109	Flat Top, Ga. (R)	September 22	14	6.30
109	Flat Top, Ga. (R)	September 22	16	6.39
111	Stanley Gap, Ga. (R)	March 28-29	24	7.34
111	Stanley Gap, Ga. (R)	March 28-29	31	9.04
111	Stanley Gap, Ga. (R)	March 28-29	48	9.49
111	Stanley Gap, Ga. (R)	March 28-April 3	168	10.53
360	Haleyville, Ala.	December	744	16.26
30	Perryville, Tenn.	Nov.-Dec.	1416	22.44
200C	Coweeta No. 8, N. C.	Oct.-Dec.	2208	29.42
200C	Coweeta No. 8, N. C.	July-Dec.	4416	47.16
200C	Coweeta No. 8, N. C.	Year 1951	8760	95.69

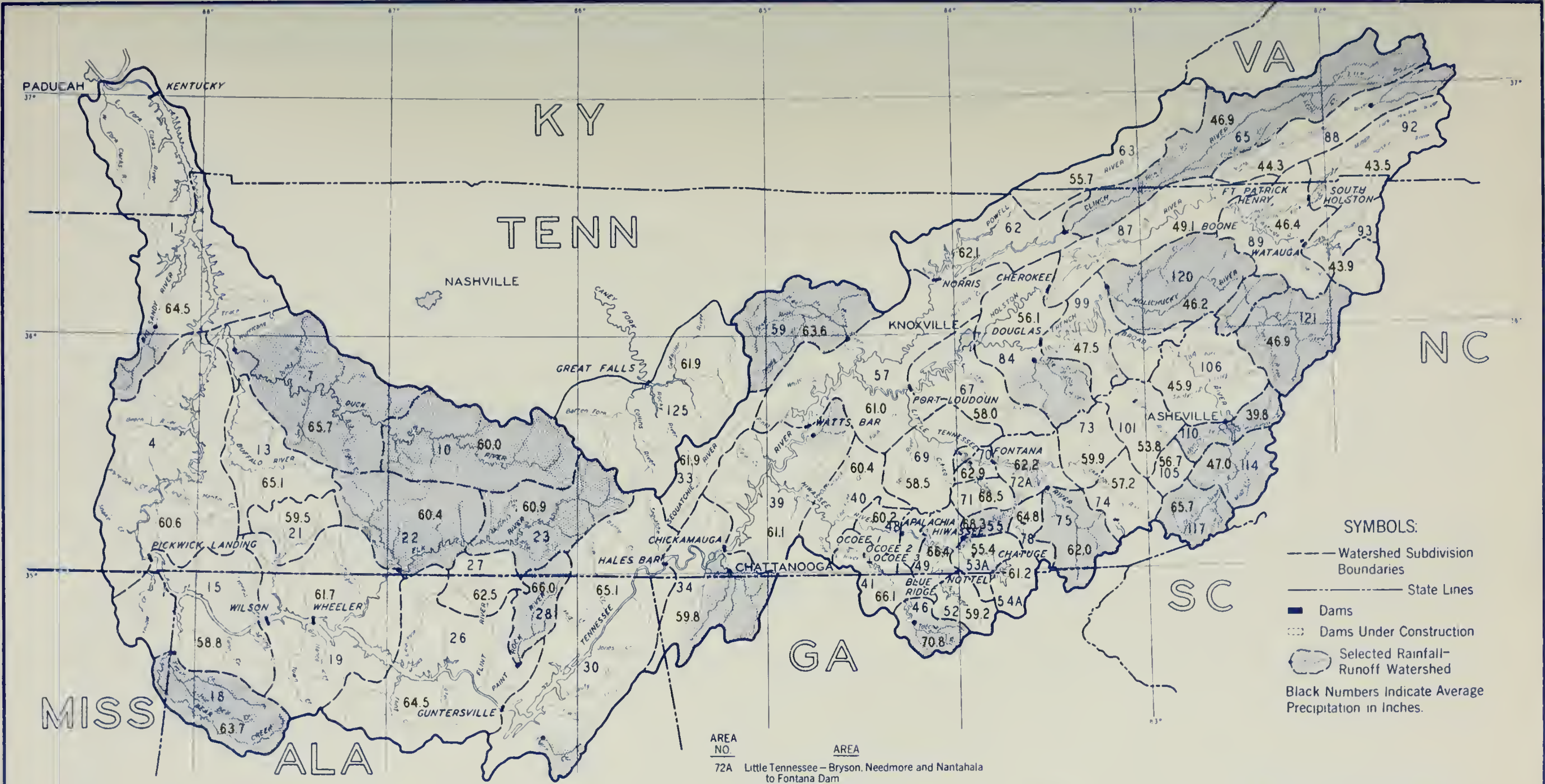
(R) Recorder

RAINFALL AND RUNOFF FOR SELECTED WATERSHEDS

For the Period January 1, 1951 to December 31, 1951

Stream	Station	Drainage Area	January 1 - December 31, 1951				Runoff in Percent of Rainfall	Rainfall Minus Runoff
			Rainfall	Departure	Runoff	Departure		
		sq. mi.	inches	inches	inches	inches		inches
Big Sandy River	Bruceton	205	66.4	+11.7	32.3	+14.1	48.6	34.1
Duck River	Hurricane Mills	2571	63.1	+11.7	31.4	+12.6	49.8	31.7
Bear Creek	Bishop	667	63.7	+9.0	33.4	+13.4	52.4	30.3
Elk River	Prospect	1784	60.6	+6.3	29.7	+7.9	49.0	30.9
Paint Rock River	Woodville	320	66.0	+10.1	37.3	+11.6	56.5	28.7
Short Creek	Albertville	92	63.8	+8.9	33.2	+2.8	52.0	30.6
South Chickamauga Creek	Chickamauga	428	58.4	+3.7	26.3	+5.0	45.0	32.1
Toccoa River	Dial	177	73.1	+7.2	36.8	+2.4	50.3	36.3
Valley River	Tomotla	104	68.3	+2.6	30.3	+0.2	44.4	38.0
Sewee Creek	Decatur	117	61.5	+6.9	29.4	+6.4	47.8	32.1
Emory River	Oakdale	764	63.6	+10.8	35.3	+11.4	55.5	28.3
Clinch River	Tazewell	1474	46.9	+1.9	20.3	+0.7	43.3	26.6
Little Tennessee River	Needmore	436	62.0	+1.5	27.4	-3.5	44.2	34.6
North Fork Holston River	Saltville	222	42.5	+2.2	16.9	-1.2	39.8	25.6
Little Pigeon River	Sevierville	353	60.3	+6.7	23.7	+2.7	39.3	36.6
Nolichucky River	Morristown	1679	46.5	+0.3	16.3	-1.6	35.1	30.2
French Broad River	Asheville	945	50.8	-7.3	22.2	-4.8	43.7	28.6

Locations of watersheds are shown on the map "Average Precipitation on Watershed Subdivisions." Runoff data are furnished by the U. S. Geological Survey and are tentative.



AREA NO.	AREA
1	Tennessee – Johnsonville to Mouth
4	Tennessee – Pickwick to Johnsonville
7	Duck – Columbia to Mouth
10	Duck – Above Columbia
13	Buffalo – Above Lobelville
15	Tennessee – Florence to Pickwick
18	Bear Creek – Above Bishop
19	Tennessee – Decatur to Florence
21	Shoal Creek – Above Iron City
22	Elk – Fayetteville to Prospect
23	Elk – Above Fayetteville
26	Tennessee – Guntersville to Decatur
27	Flint – Above Chase
28	Paint Rock – Above Woodville
30	Tennessee – Hales Bar to Guntersville
33	Sequatchie – Above Whitwell
34	Tennessee – Chickamauga to Hales Bar
39	Tennessee – Watts Bar to Chickamauga
40	Hiwassee – Reliance and Ocoee No. 1 to Charleston

AREA NO.	AREA
41	Ocoee – Blue Ridge to Ocoee No. 1
46	Toccoa – Above Blue Ridge
48	Hiwassee – Hiwassee Dam to Reliance
49	Hiwassee – Murphy, Nottely Dam and Tomotla to Hiwassee Dam
52	Nottely – Above Nottely Dam
53A	Hiwassee – Chatuge Dam to Murphy
54A	Hiwassee – Above Chatuge Dam
55	Valley – Above Tomotla
57	Tennessee and Clinch – Fort Loudoun to Watts Bar and Kingston to Norris Dam
59	Emory – Above Oakdale
62	Clinch – Arthur and Tazewell to Norris
63	Powell – Above Arthur
65	Clinch – Above Tazewell
67	Tennessee – Knoxville to Fort Loudoun
69	Little Tennessee – Calderwood to McGhee
70	Little Tennessee – Fontana and Santeetlah to Calderwood
71	Cheoah – Above Santeetlah

AREA NO.	AREA
72A	Little Tennessee – Bryson, Needmore and Nantahala to Fontana Dam
73	Tuckasegee – Dillsboro to Bryson
74	Tuckasegee – Above Dillsboro
75	Little Tennessee – Above Needmore
78	Nantahala – Above Nantahala
84	French Broad and Holston – Douglas and Cherokee to Knoxville
87	Holston – Gate City and Kingsport to Cherokee Dam
88	North Fork of Holston – Above Gate City
89	South Fork of Holston – South Holston Dam and Watauga Dam to Kingsport
92	South Fork of Holston – Above South Holston Dam
93	Watauga – Above Watauga Dam
99	French Broad – Hartford, Newport and Bent Creek to Douglas Dam
101	Pigeon – Canton to Hartford
105	Pigeon – Above Canton
106	French Broad – Asheville to Newport
110	French Broad – Bent Creek to Asheville
114	French Broad – Blantyre to Bent Creek
117	French Broad – Above Blantyre
120	Nolichucky – Embreeville to Above Morristown
121	Nolichucky – Above Embreeville
125	Caney Fork – Above Great Falls Dam

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

AVERAGE PRECIPITATION
ON
WATERSHED SUBDIVISIONS

YEAR 1951

SCALE 0 10 20 30 40 50 MILES

AVERAGE PRECIPITATION ON WATERSHED SUBDIVISIONS

1951 MONTHLY AND ANNUAL

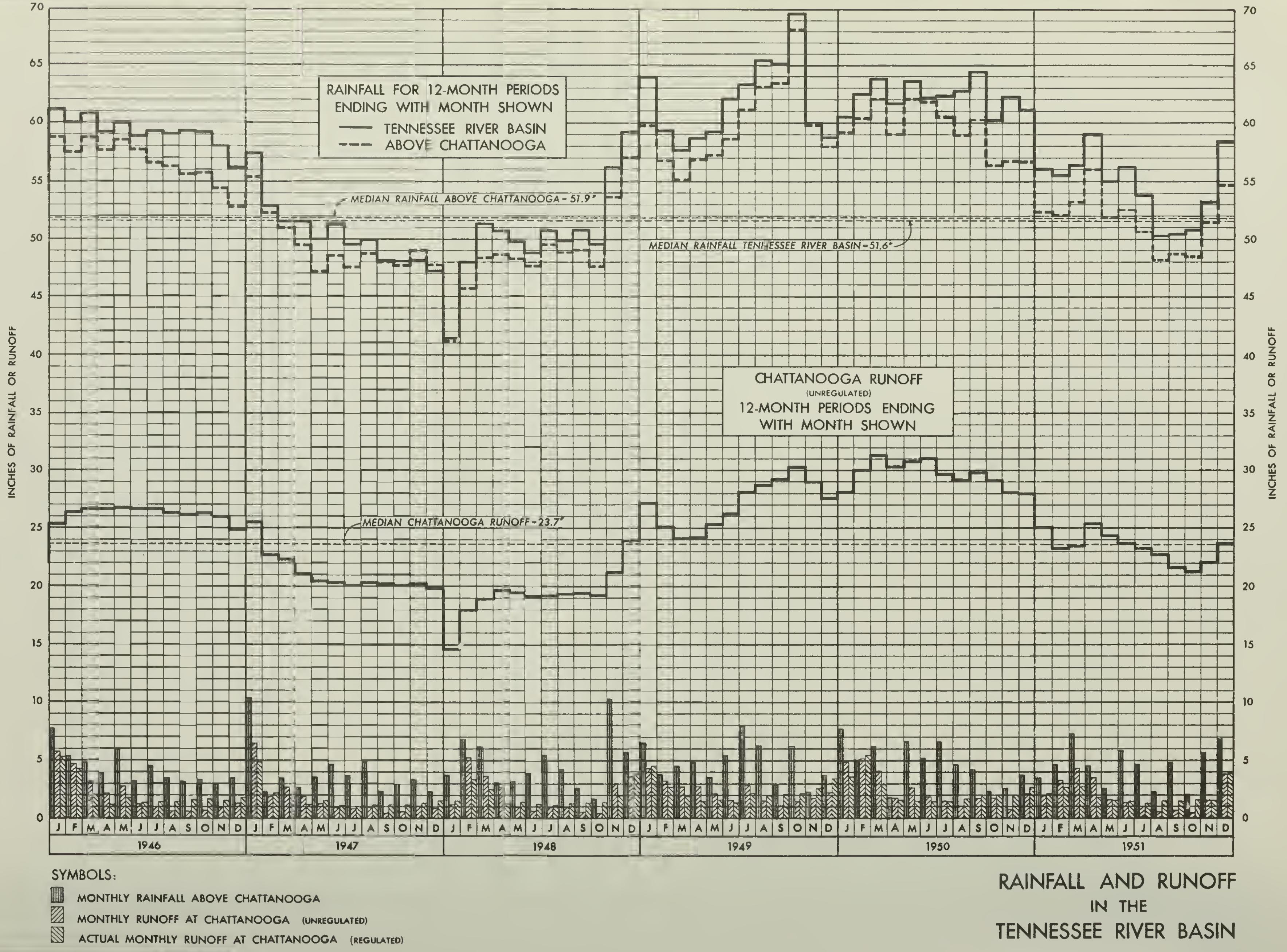
Subdivision		Average Precipitation--Inches												
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Entire Tennessee River Basin	1951 Average	5.30	5.51	7.38	4.76	1.69	5.94	4.44	2.06	4.58	2.23	6.13	8.51	58.53
	15 Yr. Average	5.78	5.29	5.39	3.96	3.86	4.25	5.18	4.30	3.17	2.58	3.95	4.44	52.15
Area Above Hales Bar	1951 Average	3.49	4.70	7.25	4.58	2.55	5.85	4.66	2.26	4.77	2.07	5.71	6.90	54.79
	15 Yr. Average	5.07	4.86	5.03	3.70	3.93	4.41	5.82	4.62	3.18	2.73	3.49	4.18	51.02
Area Below Hales Bar	1951 Average	7.36	6.44	7.52	4.96	0.71	6.04	4.18	1.83	4.37	2.41	6.60	10.34	62.76
	15 Yr. Average	6.60	5.79	5.80	4.25	3.77	4.07	4.46	3.93	3.15	2.42	4.48	4.73	53.45
French Broad Above Newport	1951 Average	1.94	2.92	6.48	4.33	1.82	7.27	4.76	2.31	3.74	1.78	4.88	6.16	48.39
	15 Yr. Average	4.16	4.10	4.87	3.47	3.83	4.85	6.25	5.49	3.53	3.09	3.34	3.90	50.88
French Broad Above Douglas Dam	1951 Average	2.47	3.10	6.21	4.28	2.19	6.88	5.16	1.91	3.79	1.87	4.89	5.60	48.35
	15 Yr. Average	4.18	4.11	4.60	3.35	3.71	4.57	6.05	4.96	3.33	2.86	3.21	3.69	48.62
Holston Above Cherokee Dam	1951 Average	2.94	3.33	4.76	4.07	4.34	4.61	4.69	2.72	3.50	1.70	4.53	4.51	45.70
	15 Yr. Average	3.98	3.82	3.84	3.02	3.94	4.21	5.62	4.49	2.94	2.35	2.85	3.26	44.32
Holston and French Broad Above Knoxville	1951 Average	2.81	3.43	5.82	4.26	3.05	5.91	4.92	2.30	3.81	1.81	4.87	5.19	48.18
	15 Yr. Average	4.18	4.10	4.33	3.25	3.81	4.38	5.85	4.71	3.14	2.63	3.08	3.55	47.01
Little Tennessee Above McGhee	1951 Average	3.63	4.17	8.83	4.85	1.69	7.35	5.36	1.96	5.42	2.08	6.50	9.09	60.93
	15 Yr. Average	6.09	5.70	6.26	4.35	4.33	4.89	6.61	5.27	3.52	3.10	4.06	5.08	59.26
Little Tennessee Above Fontana Dam	1951 Average	3.48	3.84	8.37	4.88	1.53	8.02	5.62	1.96	5.54	2.23	5.76	9.59	60.82
	15 Yr. Average	6.11	5.74	6.38	4.38	4.24	4.99	6.76	5.42	3.72	3.18	4.12	5.18	60.22
Clinch Above Norris Dam	1951 Average	3.63	5.61	5.58	4.06	3.60	4.45	4.05	2.14	5.11	2.20	6.04	6.44	52.91
	15 Yr. Average	4.72	4.43	4.31	3.30	3.80	4.34	5.41	4.49	2.85	2.41	3.19	3.61	46.86
Hiwassee Above Charleston	1951 Average	3.30	4.41	9.86	5.00	1.92	6.89	5.16	2.13	7.11	2.04	6.07	8.92	62.81
	15 Yr. Average	5.85	5.68	6.33	4.40	4.09	4.70	6.26	4.79	3.30	3.00	3.88	5.00	57.28
Hiwassee Above Hiwassee Dam	1951 Average	3.22	3.62	9.19	5.40	1.97	8.05	5.82	1.43	6.60	2.02	5.46	8.74	61.52
	15 Yr. Average	5.79	5.72	6.46	4.60	4.15	4.99	6.67	4.97	3.41	3.02	3.79	5.02	58.59

Note: 15 Year Averages Based on 1937-1951 Averages.

EVAPORATION DATA-YEAR 1951

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Evaporation (Inches)	Paris, Tenn.	1.40a	1.67a	2.76a	4.04	7.38	5.46a	6.25a	6.70	4.87	3.18	1.47	1.42a	46.60a
	Murphy, N. C.	1.26a	1.32	2.41a	3.45	5.36	5.94	6.17	5.74	3.94	3.10	1.54a	1.31	41.54a
	Beetree Dam, N. C.	0.87a	1.43a	2.83	3.75	5.44	5.45a	5.33	5.46	4.47	2.90	1.09a	0.86a	39.88a
	Jefferson City, Tenn.	0.97	1.26	2.21	3.65	5.48	5.26	5.86	5.17	4.09	2.69	1.06	0.88	38.58
Precipitation (Inches)	Paris, Tenn.	10.78	4.94	4.33	4.60	0.42	10.76	8.07	1.62	4.76	1.76	8.82	9.04	69.90
	Murphy, N. C.	3.29	3.39	10.98	5.99	1.86	8.36	6.12	1.46	7.44	1.36	5.26	8.16	63.67
	Beetree Dam, N. C.	1.32	2.07	5.90	2.95	1.41	7.14	3.62	1.34	3.33	1.37	3.29	5.45	39.19
	Jefferson City, Tenn.	4.85	4.80	7.02	4.54	3.98	3.71	6.00	1.89	4.53	2.31	5.73	5.29	54.65
Average Air Temperature (Degrees F)	Paris, Tenn.	36	40	48	53	67	73	78	78	69	58	41	41	57
	Murphy, N. C.	40	42	49	53	62	70	72	73	66	58	41	40	56
	Beetree Dam, N. C.	37	39	45	51	60	69	72	72	64	56	38	40	54
	Jefferson City, Tenn.	38	41	48	55	65	73	76	76	68	59	40	39	56
Average Water Temperature (Degrees F)	Paris, Tenn.	42a	44a	52	57	73	80	85	85	74	64	44a	43a	62a
	Murphy, N. C.	42a	46	53	58	70	79	83	81	74	65	45a	45a	62a
	Beetree Dam, N. C.	38a	43a	51a	56	67	76	79	78	71	60	43a	39a	58a
	Jefferson City, Tenn.	43	47a	54	59	73	81	84	83a	76	65	47	44	63a
Average Relative Humidity (Percent)	Paris, Tenn.	72	72	70	69	65	80	79	72	76	74	68	73b	72
	Murphy, N. C.	82	80	80	76	75	82	83	81	84	82	80	80	80
	Beetree Dam, N. C.	80	76	74	71	73	86	88	87	85	80	80	75	80
	Jefferson City, Tenn.	79	76	78	77	79	82	77	76	76	76	75	76	77
Average Wind Velocity (Miles per Hour)	Paris, Tenn.	1.62	1.28	1.67	1.46	0.78	0.36	0.19	0.26	0.20	0.25	0.77	0.98	0.82
	Murphy, N. C.	0.43	0.49	0.54	0.54	0.41	0.26	0.24	0.15	0.17	0.48	0.71	0.70	0.43
	Beetree Dam, N. C.	1.14	1.31	1.55	1.34	1.05	0.48	0.36	0.36	0.45	0.84	1.11	1.42	0.95
	Jefferson City, Tenn.	0.91	0.78	1.11	1.17	0.72	0.42	0.42	0.40	0.29	0.30	0.78	0.62	0.66

a = Partly estimated. b = For 13 days of record.



RAINFALL AND RUNOFF
IN THE
TENNESSEE RIVER BASIN

PRECIPITATION STATISTICS FOR SELECTED STATIONS

Precipitation in Inches

			Maximum		Minimum		
Month	Mean	Median	Amount	Date	Amount	Date	1951
			Elizabethton, Tennessee				
January	3.43	3.21	8.13	1947	0.46	1896	2.53
February	3.33	3.19	7.59	1944	0.48	1906	2.85
March	4.24	3.98	10.72	1899	1.37	1937	4.56
April	3.31	3.15	6.05	1912	0.65	1942	3.54
May	4.15	4.06	7.73	1915	1.08	1941	3.27
June	4.89	4.54	16.38	1872	1.33	1946	5.45
July	5.30	4.78	10.56	1896	1.10	1872	7.68
August	4.46	4.11	12.14	1901	0.89	1896	2.30
September	2.96	2.72	7.61	1928	0.30	1903	5.24
October	2.53	2.08	7.61	1918	0.02	1904	1.85
November	2.26	2.04	5.02	1948	0.61	1931	4.72
December	3.33	3.00	9.87	1872	0.80	1935	4.00
Annual	44.19	44.46	58.91	1928	29.06	1941	47.99
			Hendersonville, North Carolina				
January	4.72	4.22	12.40	1906	0.39	1907	1.34
February	4.56	4.19	10.73	1891	0.54	1930	2.82
March	5.36	5.50	11.67	1891	0.96	1930	6.37
April	4.18	4.12	9.38	1920	0.43	1915	4.43
May	4.57	4.16	12.70	1942	0.95	1914	1.44
June	5.35	4.96	11.56	1934	0.96	1911	11.15
July	6.37	5.75	22.09	1916	1.74	1902	1.84
August	6.07	5.15	26.58	1901	0.49	1925	2.89
September	4.49	3.98	14.00	1906	0.22	1919	2.99
October	4.21	3.40	14.59	1918	0.01	1904	2.27
November	3.32	3.08	12.54	1948	0.21	1910	4.75
December	5.30	4.62	12.85	1918	1.13	1928	7.80
Annual	58.50	58.36	92.60	1901	32.55	1925	50.09
			Knoxville, Tennessee				
January	4.72	3.99	16.98	1882	1.29	1907	5.94
February	4.75	4.42	12.52	1873	0.56	1898	5.12
March	5.14	4.50	13.35	1917	0.72	1910	7.26
April	4.30	4.11	17.32	1874	0.70	1942	4.70
May	3.80	3.76	8.81	1938	0.71	1941	3.35
June	4.22	4.10	11.83	1928	1.39	1936	5.55
July	4.65	4.01	13.16	1917	0.69	1901	5.54
August	3.99	3.84	11.33	1920	1.25	1896	1.94
September	2.83	2.43	10.78	1944	0.22	1879	6.37
October	2.57	2.12	9.51	1925	0.07	1904	1.98
November	3.31	3.08	11.69	1948	0.17	1890	5.95
December	4.35	3.68	12.34	1901	0.95	1896	5.76
Annual	48.63	47.82	73.87	1875	33.67	1930	59.46

PRECIPITATION STATISTICS FOR SELECTED STATIONS—Continued

Precipitation in Inches

			Maximum		Minimum		
Month	Mean	Median	Amount	Date	Amount	Date	1951
Murphy, North Carolina							
January	5.61	4.75	14.85	1882	1.75	1907	3.28
February	5.58	4.94	15.10	1873	0.56	1906	3.39
March	6.34	5.89	15.34	1917	2.09	1918	10.98
April	4.77	4.61	15.40	1874	0.30	1915	5.99
May	4.01	3.43	11.25	1929	0.46	1941	1.86
June	5.06	5.10	9.31	1884	1.53	1936	8.36
July	5.82	5.52	13.42	1950	1.23	1901	6.12
August	5.07	4.68	13.96	1920	1.18	1918	1.46
September	3.25	3.36	7.44	1951	0.20	1876	7.44
October	3.09	2.62	9.27	1949	T	1904	1.36
November	3.76	3.16	13.18	1948	0.51	1924	5.26
December	5.26	4.80	12.98	1932	1.09	1898	8.16
Annual	57.62	57.04	84.80	1875	40.00	1940	63.66
Chattanooga, Tennessee							
January	5.25	4.70	14.74	1882	1.33	1907	4.59
February	4.99	4.84	12.30	1939	0.62	1941	4.16
March	5.95	5.26	14.05	1899	0.93	1910	8.34
April	4.69	4.18	15.29	1911	0.44	1942	5.50
May	3.91	3.76	12.00	1929	0.54	1941	1.50
June	4.20	4.16	9.40	1949	0.29	1931	5.50
July	4.66	4.79	13.49	1916	0.67	1902	1.95
August	3.89	3.33	12.36	1920	0.45	1929	2.57
September	3.05	2.53	9.18	1950	0.04	1919	5.57
October	3.06	2.72	11.91	1925	0.08	1938	3.64
November	3.53	3.08	13.59	1948	0.16	1890	4.00
December	5.10	4.49	11.69	1942	0.44	1889	8.89
Annual	52.28	52.42	72.37	1929	32.68	1904	56.21
Lewisburg, Tennessee							
January	5.21	4.64	17.05	1950	1.26	1943	5.76
February	5.07	4.77	13.14	1939	1.08	1941	7.40
March	5.87	5.68	12.50	1902	0.94	1910	5.90
April	4.41	4.51	12.60	1912	0.56	1915	5.20
May	4.04	3.82	8.50	1933	0.60	1941	0.78
June	4.16	3.67	13.46	1900	0.72	1899	5.19
July	4.44	4.02	9.85	1941	1.25	1951	1.25
August	4.10	3.38	11.40	1923	0.57	1909	1.74
September	3.06	2.96	8.87	1906	0.32	1927	4.04
October	2.98	2.53	8.88	1919	0.05	1924	1.81
November	3.74	3.37	10.27	1948	0.76	1949	4.58
December	4.82	4.23	11.71	1922	1.01	1928	9.27
Annual	51.90	51.92	66.62	1950	37.42	1904	52.92

PRECIPITATION STATISTICS FOR SELECTED STATIONS—Continued

Precipitation in Inches

Muscle Shoals, Alabama*

			Maximum		Minimum		
Month	Mean	Median	Amount	Date	Amount	Date	1951
January	5.16	4.68	13.09	1950	1.98	1914	9.93
February	5.10	4.72	13.64	1948	0.54	1941	2.51
March	5.90	5.28	16.15	1897	1.26	1910	8.47
April	4.51	4.00	16.07	1892	0.74	1930	4.21
May	3.98	3.75	11.29	1939	0.16	1941	0.64
June	4.24	3.99	13.87	1900	0.60	1897	4.46
July	4.55	3.77	14.60	1916	0.77	1935	2.08
August	3.93	3.30	10.60	1894	0.35	1948	0.53
September	3.03	2.67	7.87	1890	0.00	1897	3.28
October	2.67	2.06	11.05	1918	0.00	1924	2.13
November	3.57	3.50	11.39	1948	0.16	1949	3.26
December	4.86	4.22	14.59	1926	1.10	1889	10.11
Annual	51.50	51.34	76.21	1932	30.92	1943	51.61

*Before December 1940 the Muscle Shoals, Alabama, station was at Florence, Alabama.

Johnsonville, Tennessee

			Maximum		Minimum		
Month	Mean	Median	Amount	Date	Amount	Date	1951
January	5.56	4.48	23.51	1937	0.64	1944	9.09
February	4.25	3.81	9.56	1939	0.79	1947	4.69
March	5.24	5.13	13.07	1927	0.59	1910	4.03
April	4.70	4.22	12.29	1892	0.53	1887	4.55
May	4.35	3.46	10.19	1909	0.48	1951	0.48
June	4.17	3.62	13.34	1928	0.37	1930	6.22
July	4.22	3.88	10.12	1892	0.06	1890	7.76
August	3.91	2.92	13.70	1914	0.34	1948	2.19
September	3.52	3.18	11.31	1921	0.00	1897	5.45
October	2.96	2.66	11.44	1919	T	1924	3.39
November	4.25	3.69	11.90	1906	0.74	1949	9.74
December	4.66	3.99	14.66	1926	0.05	1889	8.61
Annual	51.79	50.00	76.17	1950	33.97	1941	66.20

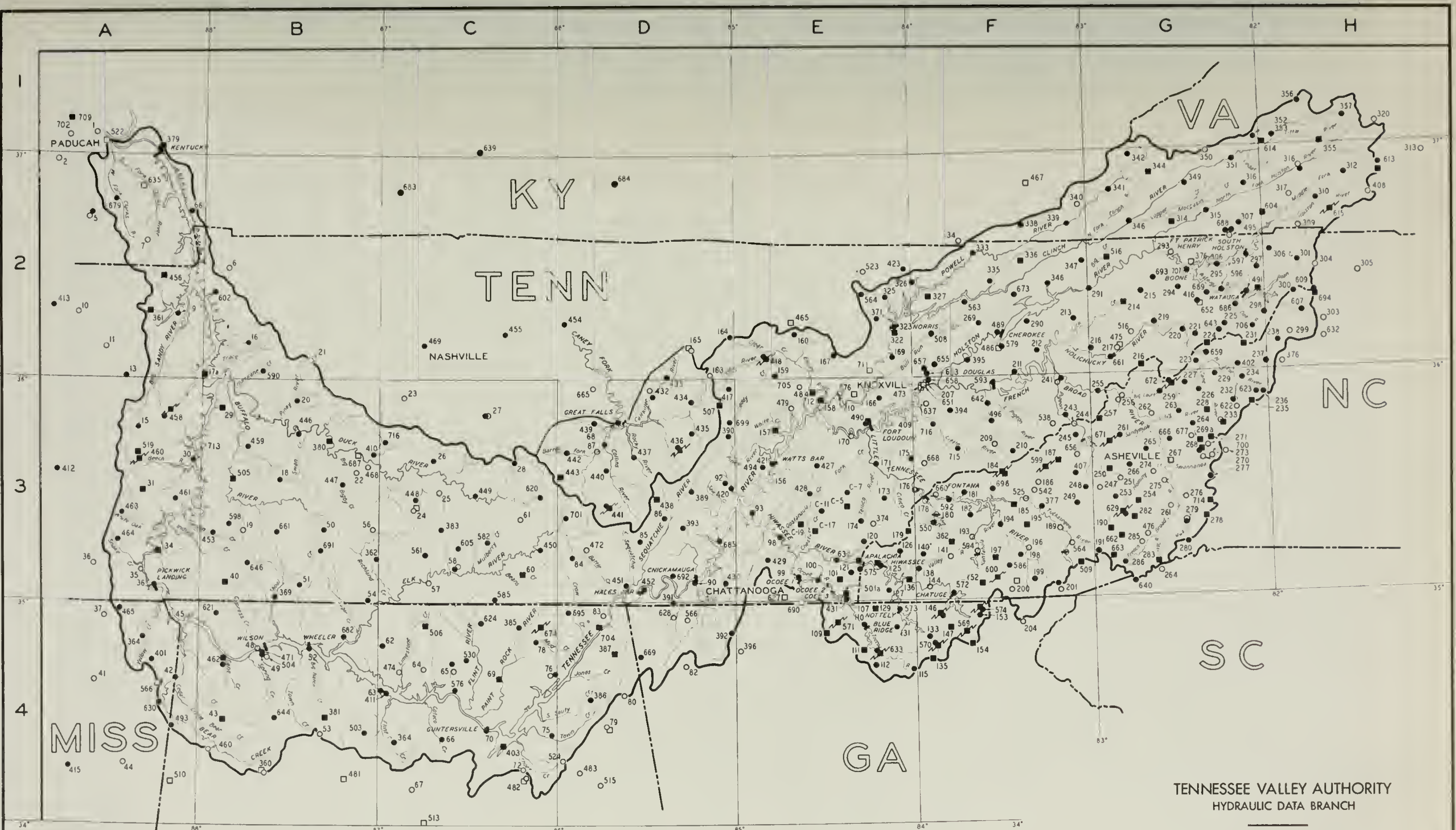
MONTHLY AND ANNUAL RAINFALL AND RUNOFF

TENNESSEE RIVER ABOVE CHATTANOOGA, TENNESSEE

Drainage Area - 21,400 Square Miles

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL
Rainfall in Inches 1890 - 1951													
1951	3.49	4.70	7.25	4.58	2.55	5.85	4.66	2.26	4.77	2.07	5.71	6.90	54.79
Maximum	10.32	9.69	11.40	7.49	7.95	8.67	11.07	13.33	6.91	8.37	10.30	9.98	62.81
Minimum	1.42	0.96	1.37	0.95	0.80	1.73	2.69	1.25	0.77	0.17	0.44	1.06	37.23
Mean	4.51	4.59	5.32	4.11	4.09	4.54	5.38	4.63	3.25	2.94	3.16	4.55	51.07
Median	4.10	4.46	5.08	4.10	3.80	4.66	5.08	4.24	3.16	2.48	2.77	4.16	51.96
Runoff in Inches 1874 - 1951 (Unregulated)													
1951	1.96	3.28	4.33	3.53	1.54	1.27	1.01	0.52	0.65	0.41	1.53	3.85	23.88
Maximum	9.42	7.45	9.62	7.11	5.28	3.75	3.90	4.28	2.69	3.17	3.77	5.11	36.54
Minimum	0.50	0.62	1.30	1.01	0.61	0.50	0.45	0.26	0.21	0.30	0.30	0.41	11.22
Mean	3.08	3.24	3.77	2.98	2.03	1.48	1.38	1.19	0.88	0.81	1.11	1.93	23.88
Median	2.82	3.09	3.26	2.66	1.86	1.28	1.15	1.00	0.72	0.72	0.87	1.68	23.69
Runoff in Cubic Feet Per Second 1874 - 1951 (Unregulated)													
1951	36,400	67,400	80,400	67,800	28,600	24,400	18,800	9,600	12,400	7,700	29,400	71,400	37,700
Maximum	174,800	147,800	178,500	136,400	98,000	72,000	72,300	79,400	51,500	58,900	72,400	94,800	57,600
Minimum	9,200	12,700	24,100	19,400	11,300	9,600	8,300	4,760	3,990	5,510	5,800	7,700	17,690
Mean	57,200	66,000	70,000	57,100	37,700	28,400	25,600	22,100	16,900	15,000	21,300	35,800	37,600
Median	52,300	63,000	60,500	51,000	34,500	24,500	21,300	18,600	13,800	13,400	16,700	31,200	37,300

REVISED 3-1-52



TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
INDEX TO RAINFALL STATIONS

SCALE 0 10 20 30 40 50 MILES

SYMBOLS:

Gage Type	T. V. A.	U. S. W. B., and Other Agencies
Daily Rain Gages	●	○
Recording Rain Gages	■	□
Radio Rain Gages	■↯	

Dams ▬ Dams under construction ==

ANNUAL 1951 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	TENNESSEE RIVER - MOUTH TO JOHNSONVILLE																															
1	PADUCAH	A-1	USWB	333	70	6.82	4.37	4.10	3.62	3.11	4.93	3.18	4.54	2.03	3.90	10.11	4.06	2.70	3.43	3.27	3.46	4.82	3.04	1.75	2.90	6.92	3.84	6.98	3.59	55.79	45.68	15.4
522	PADUCAH (NEAR) (R)	A-1	SCS	348	11	8.07	5.02	4.49	3.95	3.68	4.70	3.33	3.79	1.23	4.31	11.32	4.01	2.84	2.98	3.50	3.21	4.59	2.97	1.42	2.99	7.38	4.16	6.28	3.21	58.13	45.30	---
702	PADUCAH AIRPORT	A-1	USWB	504	2	7.58		4.87		3.46		3.96		2.52		8.85		1.51		3.15		4.12		1.92		7.25		6.06		55.25		16.3
709	SHAWNEE STEAM PLANT (R)	A-1	TVA	355	-	ESTAB. FEB. 7, 1951				3.86		3.48		2.18		8.14		2.78		4.34		4.13		0.50		8.07		7.50		-----		---
2	LOVELACEVILLE	A-2	USWB	479	27	9.32	4.68	4.32	3.90	4.25	5.32	3.99	4.78	1.51	3.75	9.12	4.46	1.32	2.67	1.58	3.58	3.19	3.58	2.26	3.53	6.16	3.50	6.89	3.62	53.91	47.37	---
379	KENTUCKY DAM (R)	A-1	TVA	362	14	8.94	4.78	5.19	4.52	4.43	4.96	4.03	4.09	0.73	3.88	8.00	4.24	2.93	3.31	6.39	3.68	4.42	2.80	1.53	2.46	7.74	4.28	8.44	3.58	62.77	46.58	---
379A	KENTUCKY DAM	A-1	TVA	362	7	8.92	6.20	5.13	5.16	4.55	5.13	3.78	3.67	0.70	4.16	8.12	4.72	2.92	3.45	6.54	3.75	4.35	3.84	1.51	2.91	7.88	5.57	8.50	4.26	62.90	52.82	---
679	BICKSVILLE	A-2	TVA	440	4	9.44		5.13		4.75		3.75		0.67		7.19		3.28		0.68		4.10		1.21		7.86		8.86		56.92		19.2
5	MAYFIELD	A-2	USWB	364	39	8.28	4.71	4.00	3.35	5.27	4.84	3.91	4.41	1.56	4.12	11.16	3.73	1.52	3.88	0.75	3.48	6.73	3.07	2.39	2.98	6.57	3.73	7.87	3.99	60.01	46.29	13.3
5A	MAYFIELD SUBSTA.	A-2	TVA	364	8	9.16	6.01	4.76	5.50	5.27	5.64	4.01	3.96	1.30	4.68	7.34	4.66	4.58	4.15	0.93	3.58	5.80	3.65	1.53	3.25	7.04	5.19	8.10	4.64	59.82	54.91	12.2
635	BENTON (R)	A-2	USWB	410	7	9.55		----		----		3.42		1.31		7.32		2.97		2.26		4.30		1.76		6.08		7.22		-----		----
7	MURRAY	A-2	USWB	412	26	10.69	5.22	3.95	3.99	5.35	5.55	3.97	4.41	1.00	4.16	7.58	4.03	2.93	3.26	2.04	3.32	4.11	3.38	2.15	3.00	7.35	3.31	7.89	3.79	59.01	47.42	----
680	TURKEY CREEK SCHOOL	A-2	TVA	345	4	9.09		4.83		5.40		4.09		1.35		9.89		2.61		3.28		6.67		1.13		8.98		8.60		65.92		22.0
8	DOVER	B-2	USWB	492	54	10.96	5.37	5.84	3.79	4.55	4.83	4.44	4.45	0.31	4.12	6.98	4.11	6.70	3.38	2.21	3.58	3.86	3.25	1.51	3.30	8.57	3.81	9.62	4.62	65.55	48.61	20.0
602	DOVER FIRE TOWER (NEAR)	B-2	TVA	410	9	#11.70	6.67	7.54	5.22	4.40	5.42	6.43	4.35	0.45	4.09	7.70	4.87	7.59	5.09	2.11	3.59	4.36	4.32	1.47	2.98	9.11	5.91	11.52	6.06	#74.38	58.57	16.4
456	BUCHANAN (R)	A-2	TVA	435	12	10.86	5.48	5.31	4.51	5.45	5.49	4.67	3.93	0.27	4.14	11.52	4.19	3.95	4.26	2.07	4.11	5.37	3.26	1.55	3.05	9.42	5.04	8.73	4.32	69.17	51.78	----
9	SPRINGVILLE	A-2	TVA	377	37	10.40	5.83	6.19	4.03	3.89	5.26	4.40	4.25	0.21	4.49	7.43	3.60	6.35	4.00	3.09	3.67	4.48	3.25	1.59	2.93	9.12	4.21	8.78	4.73	65.93	50.25	11.7
10	DRESDEN	A-2	USWB	422	28	10.21	5.72	5.24	3.74	4.60	5.04	4.56	4.49	0.41	4.36	5.88	4.41	6.14	3.12	0.78	3.34	5.36	2.99	2.04	3.15	8.04	3.38	8.88	4.43	62.14	48.17	18.9
361	PARIS EVAPORATION STATION (R)	A-2	TVA	455	15	10.80	5.44	5.34	4.55	4.13	5.60	4.41	4.34	0.43	3.64	10.79	4.04	7.83	4.20	1.59	3.39	4.64	2.65	1.70	3.18	8.84	3.40	8.96	4.61	69.46	49.04	----
11	MCKENZIE	A-2	USWB	475	18	11.10	6.56	4.67	4.07	3.88	5.23	2.74	3.75	0.27	3.88	6.63	4.09	5.27	3.93	0.87	3.07	5.02	3.55	2.17	3.47	9.21	3.95	8.31	4.66	60.14	50.21	----
13	HUNTINGDON	A-2	TVA	430	22	9.75	6.48	4.73	4.17	3.03	5.94	4.72	4.37	0.30	4.49	5.32	4.03	6.13	4.49	1.65	3.55	6.03	3.33	2.28	2.97	8.73	4.13	8.56	4.42	61.23	52.37	----
15	WILDERSVILLE	A-3	TVA	480	36	9.47	6.19	4.52	4.21	4.33	5.22	6.49	4.51	0.07	4.47	8.06	4.24	6.83	4.19	2.63	4.14	4.64	3.16	2.85	3.00	9.79	4.19	9.27	4.91	68.95	52.43	7.9
16	ERIN (NEAR)	B-2	TVA	470	16	9.97	6.94	4.54	4.50	#4.37	5.51	4.04	3.88	0.02	3.72	8.65	3.90	4.31	4.82	1.60	3.62	4.48	3.26	2.32	2.69	9.75	4.37	9.64	4.81	#63.69	52.02	14.1
	DUCK RIVER																															
459	PLEASANTVILLE	B-3	TVA	495	12	11.20	6.91	5.18	5.09	6.00	5.84	5.17	4.15	0.11	3.80	9.22	3.83	5.71	3.62	1.64	4.36	3.76	3.00	2.10	2.20	8.10	5.36	10.88	5.16	69.07	53.32	----
589	LINDEN	B-3	USWB	500	10	#11.46	5.16	----	----	----	----	----	----	DISCONTINUED APRIL 24, 1951																-----		----
713	POPE	B-3	USWB	395	-	ESTABLISHED APRIL 24, 1951								0.52		7.30		4.80		3.95		3.44		1.94		8.06		11.83		-----		----
505	SUGAR HILL (R)	B-3	TVA	610	11	#10.09	7.68	5.62	5.44	5.74	5.36	4.21	3.96	0.19	3.28	5.84	2.88	5.38	3.12	3.06	4.81	3.79	3.33	1.88	2.16	7.91	5.18	11.12	5.15	#64.83	52.35	----
18	HOHENWALD	B-3	TVA	975	64	11.37	5.57	7.19	4.91	6.78	6.03	4.39	4.90	0.59	4.32	7.44	4.29	7.43	4.23	0.98	4.26	4.22	3.11	2.45	2.80	7.82	4.23	10.81	5.29	71.47	53.94	11.6
598	WAYNESBORO (NEAR)	B-3	TVA	860	8	9.71	8.46	6.94	6.62	5.37	6.37	4.89	4.52	0.36	3.98	5.34	4.35	4.36	3.95	0.52	3.68	3.10	3.16	2.77	2.32	6.70	5.67	7.73	5.14	57.79	58.22	18.7
19	WAYNESBORO	B-3	USWB	730	67	11.61	5.00	8.96	4.22	6.07	5.67	4.70	5.38	0.47	4.80	6.01	4.07	4.94	4.53	0.67	4.60	3.02	3.23	1.76	3.25	6.53	3.78	10.43	5.63	65.17	54.16	21.1
590	MCEWEN (NEAR)	B-2	TVA	532	10	#8.61	5.83	4.67	5.75	4.24	6.80	4.09	3.20	0.00	4.90	10.56	4.77	3.96	4.48	T	4.08	5.06	3.29	3.00	2.58	10.19	5.17	11.18	5.62	#65.56	56.47	----
20	PINEWOOD	B-3	TVA	520	36	7.93	6.05	5.02	4.09	4.95	5.19	5.25	4.65	T	4.00	6.09	3.63	7.28	4.13	1.11	3.95	4.05	2.72	2.30	2.76	7.64	3.92	11.40	5.04	63.02	50.13	7.0
21	DICKSON	B-2	USWB	800	60	9.24	5.23	#4.11	3.74	4.76	5.36	4.49	4.81	0.21	4.63	7.40	4.30	4.47	3.88	0.66	4.06	3.83	2.84	2.83	3.14	8.95	3.87	10.92	4.92	#61.87	50.78	----
21A	DICKSON (R)	B-2	USWB	800	12	10.17	5.23	3.44	3.74	4.70	5.36	4.38	4.81	0.26	4.63	7.14	4.30	4.33	3.88	0.68	4.06	3.74	2.84	3.96	3.14	7.07	3.87	10.73	4.92	60.60	50.78	----
446	CENTERVILLE SUBSTA.	B-3	TVA	550	12	10.58	6.81	5.95	5.21	5.84	5.36	5.78	4.10	0.44	3.44	5.04	3.77	8.74	3.89	1.15	4.28	4.49	3.08	2.16	2.06	8.62	5.01	9.64	4.87	68.43	51.88	13.5
446A	CENTERVILLE	B-3	USWB	630	6	11.07		4.00		5.71		5.18		0.49		6.16		7.71		1.01		4.33		2.69		6.85		10.33		65.53		12.1
380	SHADY GROVE (R)	B-3	TVA	580	13	9.23	5.96	6.60	5.90	5.84	5.15	6.53	4.03	0.49	3.17	11.36	3.95	6.15	4.03	0.40	3.79	3.15	2.62	2.63	1.87	9.21	4.67	9.96	4.60	71.55	49.74	----
447	MT. PLEASANT SUBSTA.	B-3	TVA	650	12	10.41	5.63	8.10	6.20	5.48	5.58	4.94	3.90	0.46	3.28	7.70	3.57	3.55	3.93	0.39	4.05	2.44	3.45	2.30	2.21	5.86	4.51	11.79	4.86	63.42	51.17	10.2
687	MONSANTO (R)	B-3	MCCO	625	4	12.61		3.27		4.71		4.61		1.01		7.69		2.66		1.16		3.15		4.37		7.17		#10.31		#62.72		----
22	ASHWOOD	B-3	USWB	725	79	10.86	4.72	6.87	3.82	5.89	5.17	5.65	4.34	0.47	4.25	6.53	3.92	4.81	3.54	0.88	4.02	2.23	3.10	3.48	3.09	5.48	3.28	12.16	4.66	65.31	47.91	13.6
468	COLUMBIA	B-3	USWB	675	4	8.90		----		5.38		5.45		0.62		6.91		3.46		0.67		2.89		3.09		6.57		11.88		-----		----
703	COLUMBIA (NEAR)	B-3	TVA	642	2	8.12		6.70		5.19		4.81		0.52		6.93		4.20		0.47		2.53		3.07		6.42		10.05		59.01		8.1
410	COLUMBIA SUBSTA.	B-3	TVA	620	13	8.83	5.68	8.14	5.82	5.77	5.41	6.12	3.90	0.71	3.05	7.57	4.18	3.05	3.39	0.88	4.48	3.33	3.71	2.79	2.30	7.61	4.64	11.60	4.83	66.40	51.39	11.1
23	FRANKLIN	C-3	USWB	625	63	7.42	4.71	4.96	3.89	4.66	5.25	6.07	4.70	0.66	3.98	6.65	4.27	3.01	3.55	2.51	3.97	3.08	3.01	3.08	3.00	6.65	3.68	10.30	4.84	59.05	48.85	----
448	LEWISBURG NO. 2 SUBSTA.	C-3	TVA	740	12	6.20	5.90	7.45	6.40	5.83	5.33	5.38	3.93	0.78	3.92	4.62	3.45	2.65	4.87	1.50	3.40	4.19	3.50	1.22	2.12	4.81	4.42	9.92	4.42	54.55	51.66	12.2
24	LEWISBURG (NEAR)	C-3	USWB	787	58	5.76	4.93	7.40	4.36	5.90	5.78	5.20	4.58	0.78	4.25	5.19	4.25	1.25	4.24	1.74	4.51	4.04	3.01	1.81	3.30	4.58	3.47	9.27	5.29	52.92	51.97	13.0
24A	LEWISBURG (NEAR) (R)	C-3	USWB	787	12	8.64	4.93	4.07	4.36	----	5.78	5.08	4.58	0.70	4.25	5.48	4.25	0.62	4.24	1.77	4.51	3.94	3.01	2.93	3.30	3.39	3.47	#9.17	5.29	-----	51.97	----
25	PALMETTO	C-3	USWB	770	62	#5.89	4.68	8.04	4.16	5.30	5.33	5.01	4.38	1.54	4.43	6.42	4.43	1.88	4.58	1.72	4.18	4.21	2.96	1.37	3.39	4.78	3.28	9.02	4.98	#55.18	50.78	----
26	CHAPEL HILL	C-3	TVA	675	16	6.77	6.31	6.20	5.82	6.40	5.29	5.62	3.88	0.45	4.09	7.30	3.28	3.47	4.39	0.23	3.82	2.86	3.35	2.84	2.52	5.63	4.70	9.47	4.20	57.24	51.65	7.0
27A	MURFREESBORO	C-3	USWB	608	70	7.01	4.75	7.55	3.67	4.54	5.16	6.20	4.48	0.89	4.14	6.08	3.93	4.53	4.33	2.19	4.19	3.58	3.07	2.15	3.07	8.03	3.49	10.23	4.67	62.98	48.95	19.3
27B	MURFREESBORO SUBSTA.	C-3	TVA	580	12	7.37	5.70	7.24	5.86	4.69	5.22	6.26	3.58	0.77	3.70	6.17	3.32	3.25	4.31	2.37	3.36	2.90	3.46	2.08	2.02	8.48	5.30	10.70	4.86	62.28	50.69	20.7
27C	MURFREESBORO (R)	C-3	USWB	608	12	#9.48	4.75	4.88	3.67	4.34	5.16	5.80	4.48	0.91	4.14	5.85	3.93	3.51	4.33	2.20	4.19	3.47	3.07	----	3.07	PUBLICATION DATA DISCONTINUED				-----	-----	----
449	SHELBYVILLE	C-3	TVA	742	12	5.21	6.18	9.00	6.48	6.30	5.53	5.09	3.78	1.21	3.72	7.29	4.06	1.65	4.05	1.94	3.21	4.26	3.55	3.11	2.25	5.68	4.55	9.54	4.82	60.28	52.18	10.5
28	BEECH GROVE	C-3	TVA	875	15	6.69	6.77	7.82	6.41	7.31	5.72	6.29	3.68	2.85	4.34	8.44	4.18	2.48	4.25	2.35	4.86	4.82	3.55	2.75	2.41	6.00	4.76	9.17	4.69	66.97	55.62	14.6
620A	MANCHESTER	C-3	TVA	1046	2	6.39		7.65		6.97		5.28		2.82		5.70		1.60		1.30		4.59		2.60		5.56		10,44		60.90		11.1
620	MANCHESTER (R)	C-3	USWB	1060	8	8.85		4.45		6.15		4.06		2.43		6.05		0.58		----		4.28		----		----	PUBLICATION DATA DISC.			-----		----
	TENNESSEE RIVER - JOHNSONVILLE TO PICKWICK																															
17	JOHNSONVILLE	A-2	TVA	420	68	9.09	5.56	4.69	4.25	4.03	5.24	4.55	4.70	0.48	4.35	6.22	4.17	7.76	4.22	2.19	3.91	5.45	3.52	3.39	2.96	DISC. NOVEMBER 16, 1951				-----	-----	----
17A	JOHNSONVILLE STEAM PLANT (R)	B-2	TVA	390	2	8.63		4.16		3.86		4.43		0.23		6.21		9.20		1.31		5.36		2.16		9.74		8.61		63.90		----
458	CAVVIA	A-3	TVA	598	12	9.15	5.97	4.31	4.74	4.52	6.02	6.05	4.53	0.27	3.87	4.72	3.73	6.46	4.28	2.25	4.11	5.22	3.76	2.16	2.95	9.43	5.54	9.57	4.90	64.11	54.40	8.7
29	CUBA LANDING (R)	B-3	TVA	444	16	9.11	6.61	5.31	4.59	4.90	5.37	5.31	3.92	0.25	3.73	6.14	3.81	4.94	4.19	0.52	2.87	6.16	2.52	2.33	2.52	8.59	4.31	11.50	4.50	65.06	48.94	----
30	PERRYVILLE	A-3	TVA	430	56	10.09	5.79	4.71	4.28	5.03	5.83	5.35	4.53	0.48	4.08	7.75	4.07	5.10	3.92	2.79	3.72	2.89	2.96	1.60	3.02	10.52	4.17	11.92	5.09	68.23	51.46	----
519	OAKGROVE (R)	A-3	TVA	532	11	9.21	7.06	4.79	4.79	4.85	5.52	6.64	4.54	0.24	4.30	5.61	3.94	6.29	3.65	1.62	4.04	3.42	3.61	2.09	3.12	8.18	5.52	8.99	5.20	61.93	55.29	----
461	DUNBAR, TENNESSEE	A-3	TVA	535	12	#11.12	6.59	5.77	5.30	5.29	5.81	4.12	4.31	0.22	3.69	5.69	3.60	3.67	3.05	0.79	4.02	2.87	3.12	2.35	2.61	8.19	5.22	9.92	5.28	#60.00	52.60	8.3
453	CLIFTON JUNCTION	B-3	TVA	474	12	9.36	5.88	7.53	5.67	6.31	5.88	4.11	4.38	0.47	3.23	5.06	3.74	4.52	3.26	0.62	3.61	3.16	3.29	2.46	2.23	6.95	5.10	7.32	4.87	57.87	51.14	6.4
40	VICTORY (R)	B-3	TVA	850	16	9.15	6.88	10.19	6.53	7.72	6.14	3.82	4.89	0.64	4.04	5.69	4.18	2.33	4.77	1.02	4.48	5.27	3.57	1.59	3.17	5.72	5.33	11.63	5.17	64.77	59.15	----

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1951 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Y E A R		Depth of Snow (Inches
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	TENNESSEE RIVER - JOHNSONVILLE TO PICKWICK (CONT'D)																															
31	REAGAN (R)	A-3	TVA	600	30	9.98	5.48	5.65	4.34	4.75	4.74	4.24	4.38	0.07	3.86	6.71	4.06	4.01	3.76	2.24	3.50	2.76	3.07	1.97	2.70	8.63	4.19	9.50	4.99	60.51	49.07	----
463	ENVILLE	A-3	TVA	537	12	#9.80		4.55		4.73		4.04		0.25		3.83		4.18		2.20		2.56		2.00		6.59		8.25		#52.98		----
34	SAVANNAH	A-3	USWB	440	69	12.68	5.06	5.37	4.00	5.73	5.62	4.10	4.92	0.37	4.54	3.91	4.06	2.68	4.32	----	3.86	2.90	3.31	----	3.18	6.54	3.80	10.03	5.50	-----	52.17	----
34A	SAVANNAH (R)	A-3	TVA	450	7	9.37	9.52	7.30	6.40	5.35	6.00	3.60	3.89	0.10	4.77	3.84	3.82	1.83	3.49	1.36	3.19	2.58	3.66	2.01	2.27	6.19	6.45	9.43	4.70	52.96	58.16	----
464	LEAPWOOD (NEAR)	A-3	TVA	540	12	12.35	6.59	5.19	5.70	5.76	6.06	3.52	4.09	0.35	3.02	3.97	3.67	3.32	3.25	0.92	4.10	2.64	3.80	2.82	2.97	6.81	5.24	9.80	4.95	57.45	53.44	8.5
35	SHILOH	A-3	USDI	483	41	#9.65	5.85	#6.64	4.81	6.21	5.90	3.35	4.79	0.32	4.41	3.60	3.79	3.43	4.16	1.20	3.62	2.81	3.01	2.51	3.28	4.57	4.10	10.46	5.40	#54.75	53.12	----
36	SELMER	A-3	USWB	438	28	10.84	5.02	6.83	4.51	#5.73	5.78	3.88	4.36	0.05	4.07	6.46	4.23	4.11	3.25	1.90	3.72	2.98	3.37	2.12	3.51	6.99	3.86	10.40	5.09	#62.29	50.77	3.0
465	ACTON (NEAR)	A-4	TVA	510	12	10.49		7.19		6.69		3.60		0.57		7.14		1.91		0.95		2.97		2.31		5.80		9.51		59.13		9.9
37	CORINTH	A-4	USWB	470	66	9.02	4.98	6.01	4.26	6.80	5.51	3.84	4.79	0.46	4.50	6.89	3.76	2.56	4.77	1.36	4.02	3.84	3.10	2.22	3.28	#6.14	3.72	10.80	5.77	#59.94	52.46	----
	TENNESSEE RIVER - PICKWICK TO FLORENCE																															
38	PICKWICK LANDING DAM	A-3	TVA	479	17	8.86	6.62	6.96	5.29	6.49	5.41	3.86	4.10	0.20	3.36	2.96	3.85	2.57	3.73	1.53	3.28	3.12	3.08	2.01	3.08	4.29	4.85	9.20	4.67	52.05	51.32	----
364	BURNSVILLE SUBSTA.	A-4	TVA	452	14	9.13	6.64	7.07	6.10	8.78	6.24	3.67	4.35	0.57	4.17	3.86	3.43	2.02	3.61	1.35	3.97	3.24	3.06	1.44	2.10	5.84	5.59	11.71	5.08	58.68	54.34	5.2
401	MIDWAY	A-4	TVA	610	13	9.40	6.51	7.77	6.83	9.65	6.31	3.93	4.03	0.80	3.75	2.98	3.68	1.82	3.76	1.76	3.76	1.97	2.92	1.42	2.27	6.81	5.52	11.46	5.03	59.77	54.37	----
41	BOONEVILLE	A-4	USWB	504	57	9.42	5.13	7.13	4.35	9.81	5.63	4.03	4.90	0.58	4.64	2.43	4.02	5.22	4.15	0.25	3.67	2.12	3.07	1.95	3.10	5.98	3.78	13.42	6.03	62.34	52.47	2.5
42	BISHOP	A-4	TVA	470	17	7.96	6.80	8.01	6.25	9.51	6.81	5.83	4.70	1.01	4.14	2.65	3.89	3.41	4.11	1.90	3.92	2.52	2.92	1.29	2.42	5.57	4.83	13.37	4.72	63.03	55.51	3.5
43	BELGREEN (R)	B-4	TVA	800	17	5.88	6.32	6.79	6.37	10.61	7.07	4.88	4.51	0.80	3.78	2.65	3.58	5.60	5.08	0.80	4.04	#1.75	2.77	1.68	2.70	5.55	4.38	11.04	4.39	#58.03	54.99	----
568	TISHOMINGO (R)	A-4	USWB	550	11	8.35	7.08	----	----	8.73	6.68	3.79	3.24	0.75	4.00	4.43	3.06	3.13	4.01	0.51	4.01	2.52	3.11	2.39	2.46	4.91	4.85	12.63	5.05	-----	-----	----
630	BELMONT (NEAR)	A-4	TVA	585	9	7.87	8.28	7.26	8.30	10.54	7.85	4.80	4.46	0.75	3.85	1.46	2,63	5.51	4.02	1.10	3.49	6.55	4.53	1.45	2.12	4.58	5.54	13.31	5.25	65.18	60.32	----
493	RED BAY	A-4	TVA	627	11	8.20	6.80	5.98	6.31	10.79	7.22	4.88	3.70	0.46	3.82	3.19	3.08	3.44	4.08	1.50	4.74	4.17	3.12	1.60	2.20	6.06	5.43	12.32	5.34	62.59	55.84	5.7
480	HODGES	B-4	USWB	870	14	7.52	6.72	6.80	6.88	9.44	7.02	5.97	4.34	0.57	3.79	----	----	5.68	4.66	1.07	4.32	4.22	2.67	2.13	1.75	7.28	4.58	12.53	4.88	-----	-----	7.8
510	BEXAR (R)	A-4	USWB	-	11	10.49	6.83	2.91	5.17	9.08	6.33	4.86	3.33	1.63	3.18	3.70	3.02	6.85	4.62	0.68	3.44	2.77	2.95	2.26	2.13	3.62	4.17	11.95	4.79	60.80	49.96	----
44	FULTON	A-4	USWB	335	43	6.68	4.62	6.74	5.53	10.80	5.42	4.32	4.62	1.30	4.74	3.12	3.86	6.38	4.57	0.69	3.59	3.80	2.75	1.51	2.83	6.17	3.50	12.42	5.72	63.93	51.75	2.4
360	HALEYVILLE	B-4	USWB	947	15	7.92	7.24	6.05	6.35	11.90	7.21	5.89	4.31	0.88	3.41	2.80	4.82	5.03	6.15	3.34	4.54	4.62	3.41	1.37	2.10	4.76	4.22	16.26	5.34	70.82	59.10	5.2
360A	HALEYVILLE (R)	B-4	USWB	947	12	10.90	6.90	2.73	5.86	11.29	7.10	5.54	3.82	1.27	2.55	4.50	4.21	2.62	5.21	3.31	4.54	4.38	3.16	2.82	1.90	2.98	4.19	#15.92	5.78	#68.26	55.22	----
45	WATERLOO	A-4	USWB	430	55	12.47	4.73	4.44	4.52	9.07	5.68	----	4.89	0.33	4.37	5.13	3.98	2.02	4.22	0.96	3.89	4.31	2.99	1.90	3.38	4.85	3.72	11.55	5.35	-----	51.72	----
621	YOUNGS STORE (NEAR)	B-4	TVA	790	7	8.21	8.09	8.50	6.94	9.01	6.69	3.94	4.07	0.65	4.13	5.24	3.68	3.29	4.83	1.31	3.40	3.15	3.66	1.94	2.23	6.40	6.52	10.72	5.88	62.36	60.12	6.0
462A	COLBERT STEAM PLANT (R)	B-4	TVA	479	-	ESTABLISHED NOVEMBER 13, 1951																				----		11.78		-----	-----	----
462	BARTON	B-4	TVA	463	12	4.15	6.78	----	----	#7.65	6.56	5.48	4.19	0.60	3.68	2.85	2.96	1.75	3.73	1.42	4.06	2.40	2.75	1.60	2.07	3.95	4.75	#9.90	5.76	-----	-----	----
	TENNESSEE RIVER - FLORENCE TO GUNTERSVILLE																															
48	FLORENCE (AT LOCK)	B-4	USED	440	16	4.81	4.86	7.20	4.64	8.39	5.71	4.43	4.60	0.35	4.25	5.26	4.47	3.18	4.62	0.75	3.86	3.30	2.85	1.17	3.22	5.13	3.45	13.39	5.14	57.36	51.67	----
504	MUSCLE SHOALS	B-4	USWB	534	68	9.93	4.86	2.51	4.64	8.47	5.71	4.21	4.60	0.64	4.25	4.46	4.47	2.08	4.62	0.53	3.86	3.28	2.85	2.13	3.22	3.26	3.45	10.11	5.14	51.61	51.67	4.4
471	WILSON DAM	B-4	TVA	530	18	5.70	5.89	6.80	5.99	8.92	5.82	5.26	4.04	0.27	3.06	6.50	3.72	3.49	4.04	0.59	3.43	4.41	2.90	1.22	2.32	5.64	4.37	12.91	4.50	61.71	50.08	----
49	TVA NURSERY	B-4	TVA	505	17	6.16	5.90	5.10	6.20	#8.92	5.89	4.86	4.22	0.33	3.10	#4.16	3.58	3.13	4.14	0.48	3.59	4.41	2.73	1.10	2.38	5.56	4.32	11.95	4.37	#56.16	50.42	----
369	IRON CITY	B-3	TVA	540	32	7.00	5.57	8.39	5.73	9.05	5.71	4.84	4.58	0.53	4.43	4.76	4.00	3.92	4.75	1.35	4.52	6.35	3.62	1.72	2.38	6.79	4.02	7.88	5.50	62.58	54.81	----
648	COLLINWOOD	B-3	TVA	950	3	9.55		10.63		6.71		4.06		0.32		5.67		3.29		0.27		3.04		1.43		5.34		12.82		63.13		10.0
681	OVILLA	B-3	TVA	980	4	10.02		9.17		6.57		4.45		0.60		----		2.56		0.82		1.82		1.94		4.05		#10.58		-----		6.3
51	LORETTA	B-3	TVA	774	24	6.85	6.26	7.87	5.77	6.81	6.56	4.64	4.79	0.62	4.24	4.41	3.62	2.79	4.88	2.27	4.09	5.31	2.90	1.35	3.05	5.92	4.54	10.36	4.87	59.20	55.57	7.0
691	LAWRENCEBURG	B-3	TVA	850	3	7.61		9.46		6.14		4.79		0.67		4.12		3.54		1.22		4.26		1.20		5.04		8.93		56.98		7.0
50	ETHRIDGE	B-3	TVA	970	16	8.34	6.15	9.77	6.22	6.55	5.06	4.96	4.12	0.57	3.63	5.71	3.43	4.35	4.70	1.60	3.65	3.72	2.93	2.04	2.47	5.20	4.58	10.34	4.55	63.15	51.49	8.3
644	NEWBURG	B-4	TVA	660	8	5.10	8.52	7.43	7.21	10.15	7.21	3.89	4.10	0.59	3.11	5.66	4.69	6.61	5.60	2.58	4.32	3.53	3.71	3.18	1.69	7.51	5.19	10.83	4.68	67.06	60.03	3.3
52	WHEELER DAM	B-4	TVA	580	16	4.98	6.32	7.40	6.29	9.55	6.27	5.71	4.05	0.30	3.05	5.20	3.65	3.21	4.67	0.59	3.44	4.46	2.47	1.90	2.18	5.67	4.36	13.57	4.74	62.54	51.49	----
682	SHOEMAKER SPRINGS	B-4	TVA	610	4	#4.77		#6.01		9.20		3.18		0.55		4.69		2.98		0.11		5.95		2.37		6.66		12.79		#59.26		----
381	MOULTON (R)	B-4	TVA	630	13	6.19	6.01	7.13	6.39	10.35	6.55	5.18	3.33	0.46	3.05	7.43	4.08	6.35	4.07	0.87	4.09	3.39	2.68	1.70	1.32	6.30	3.85	11.41	4.15	66.76	49.57	----
53	CENTRAL TOWER	B-4	USFS	1500	17	#5.67	5.86	3.46	5.83	11.35	6.90	4.85	4.22	0.69	3.40	4.41	3.66	4.53	4.87	0.52	3.98	7.27	2.93	2.58	2.09	3.90	3.77	11.90	4.63	#61.13	52.14	----
481	ADDISON (R)	B-4	USWB	875	14	7.66	6.31	4.53	6.46	9.28	6.10	3.71	3.94	1.31	2.63	4.31	4.31	3.31	5.08	4.16	4.36	5.32	3.70	4.00	1.98	2.18	4.02	----	----	-----	-----	----
62	ATHENS, ALABAMA	C-4	TVA	710	17	4.56	6.73	6.51	5.83	9.53	6.67	3.73	4.08	0.33	3.07	4.94	3.72	4.11	4.38	0.54	3.66	4.35	2.95	1.81	2.50	6.62	4.41	13.70	5.16	60.73	53.16	8.7
63	DECATUR	C-4	USWB	573	73	6.65	4.63	6.29	4.43	9.78	5.62	5.71	4.48	0.53	3.83	4.02	3.79	6.53	4.35	0.31	3.91	4.66	2.37	1.53	3.07	7.26	3.20	10.69	5.04	63.96	48.72	5.3
63B	DECATUR NO. 4	C-4	TVA	600	5	6.66		7.80		10.28		4.98		0.49		4.19		6.09		0.22		4.81		1.59		7.42		10.72		65.25		6.5
411	DECATUR NO. 2 SUBSTA.	C-4	TVA	588	13	5.86	5.86	6.13	5.72	9.27	6.20	5.42	3.70	0.36	2.45	5.10	3.53	6.92	4.49	0.35	3.41	4.02	3.39	1.78	1.65	6.81	4.21	#9.65	4.39	#61.67	49.00	4.5
503	DANVILLE	B-4	TVA	595	11	5.51	6.18	6.69	5.91	12.44	6.72	5.78	3.71	1.07	2.91	4.06	3.19	4.24	3.89	0.12	3.74	6.43	3.92	3.04	1.89	4.82	4.58	8.98	4.69	63.18	51.33	3.3
384	FALKVILLE	C-4	TVA	620	13	5.58	5.70	6.39	6.73	10.71	6.25	5.34	3.63	0.85	2.92	3.28	3.97	5.72	4.91	4.80	4.07	6.20	3.34	3.27	2.01	4.23	4.21	10.78	4.47	67.15	52.21	1.5
513	GARDEN CITY	C-4	USWB	504	11	----	----	----	----	----	----	5.52	4.21	1.38	3.11	6.99	3.77	4.17	5.10	3.37	4.15	4.74	3.38	2.02	2.42	----	----	11.25	5.72	-----	-----	----
474	BELLE MINA (NEAR)	C-4	API	600	22	7.67	5.26	5.48	5.34	9.01	6.08	5.01	3.71	1.05	3.23	6.20	3.39	5.67	4.82	0.66	3.75	4.00	3.31	2.42	2.45	5.70	3.94	10.22	4.96	63.09	50.24	----
64	MADISON	C-4	USWB	670	58	5.49	4.63	4.15	4.58	9.32	5.73	5.70	4.83	0.83	3.99	6.37	4.26	6.45	4.62	0.56	3.79	5.97	3.01	1.77	3.39	6.79	3.52	9.55	5.36	62.95	51.71	4.7
65	HUNTSVILLE SUBSTA.	C-4	TVA	615	33	4.59	5.60	6.71	5.12	8.25	5.77	4.90	4.93	0.57	3.60	5.23	4.63	5.63	4.63	2.76	4.05	4.53	2.90	1.95	2.65	6.18	3.69	8.03	4.57	59.33	52.14	5.5
65A	HUNTSVILLE	C-4	USWB	620	11	8.07	4.73	1.98	4.60	9.04	5.76	5.33	4.82	0.32	3.99	7.88	4.31	5.40	4.69	4.11	3.91	4.73	2.96	4.60	3.32	4.29	3.46	8.66	5.41	64.41	51.96	2.0
66	CENTER GROVE	C-4	TVA	780	16	5.21	6.47	5.79	6.57	10.55	7.14	5.83	5.20	0.63	3.44	5.56	4.78	4.56	5.36	3.71	4.82	5.46	3.57	4.63	3.06	5.27	4.71	10.97	5.10	68.17	60.22	5.5
67	ST. BERNARD	C-4	USWB	802	45	5.24	5.51	6.02	4.92	10.46	5.97	4.81	4.84	1.01	4.49	5.86	4.27	6.67	5.32	1.91	4.66	3.48	2.79	3.60	3.74	6.06	3.72	10.24	5.53	65.36	55.76	3.0
576	FARLEY	C-4	TVA	641	10	5.03	5.91	5.84	6.78	10.27	6.90	#4.84	4.18	0.46	3.22	5.20	3.84	5.24	3.63	0.66	2.76	7.68	4.29	2.76	2.08	5.87	4.34	#6.56	4.54	#60.41	52.47	4.5
530	MONTE SANO NO. 6	C-4	TVA	1650	11	6.52	7.04	6.13	6.25	9.86	7.07	5.63	4.30	0.82	3.54	6.43	5.21	5.14	5.03	4.59	3.64	5.35	4.51	3.08	2.51	7.89	5.34	9.28	5.58	70.72	60.02	8.7
506	TONEY (R)	C-4	TVA	750	11	6.48	6.61	6.59	5.70	8.49	5.84	4.05	3.47	0.58	2.61	3.72	2.73	6.47	4.50	0.84	2.61	3.97	3.50	1.70	1.78	7.18	4.34	11.54	5.05	61.61	48.74	----
624	NEW MARKET	C-4	TVA	725	9	5.53	7.70	6.16	6.34	8.60	6.92	6.29	4.34	0.67	4.03	5.68	4.38	4.52	4.47	3.58	2.85	4.08	4.24	1.92	2.03	7.24	5.36	10.07	5.11	64.34	57.77	----
585	ELORA	C-3	TVA	925	10	5.65	6.34	#5.28	6.36	7.00	6.14	4.55	4.42	0.70	3.52	6.35	4.77	4.50	3.38	1.70	3.68	4.15	3.83	#3.00	2.30	6.60	4.95	10.80	5.70	#60.28	55.39	10.0
69	PAINT ROCK (R)	C-4	TVA	610	16	5.20	6.32	4.97	6.42	10.28	6.43	6.23	4.79	0.92	2.97	6.69	4.36	3.86	4.78	6.66	4.23	4.66	3.57	3.27	2.37	4.48	4.15	9.24	4.88	66.46	55.27	----
385	SWAIM	C-4	TVA	665	13	5.86	6.31	5.09	7.19	8.91	6.57	6.94	4.32	0.92	3.87	5.47	4.51	5.93	4.80	3.69	4.09	5.12	3.39	3.20	2.14	5.63	4.61	11.16	5.21	67.92	57.01	----
78	HYTOP	C-4	TVA	1500	17	5.70	6.87	5.27	6.71	10.77	6.89	4.53	5.27	0.58	4.15	5.25	4.45	6.08	5.73	3.62	3.80	7.07	3.71	4.37	3.05	6.14	5.01	11.09	5.57	70.47	61.21	8.6

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1951 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	ELK RIVER																															
54	BETHEL	B-3	TVA	650	17	6.07	6.74	8.40	6.30	8.20	6.30	4.27	4.22	0.50	3.90	3.54	3.28	3.37	5.73	1.13	3.62	3.98	3.88	3.02	2.76	6.05	4.81	12.41	4.58	60.94	56.12	6.5
382	PULASKI	B-3	TVA	690	13	#5.66	6.30	7.92	7.05	5.89	5.73	4.10	3.66	0.72	3.54	#7.85	3.66	2.58	4.32	0.87	3.80	#6.07	3.82	3.61	2.16	4.52	4.68	10.42	4.71	#60.21	53.43	----
56	LYNNVILLE (NEAR)	B-3	USWB	744	63	5.73	4.87	7.88	4.60	6.16	5.69	4.52	4.83	0.93	4.26	8.81	4.68	2.00	4.86	1.52	4.45	3.31	3.07	1.39	3.50	4.49	3.39	10.09	5.23	56.83	53.43	5.0
57	COLDWATER	C-3	USWB	645	56	10.66	4.97	2.77	4.64	7.86	5.93	3.91	4.98	1.68	4.35	6.74	4.26	2.69	4.19	1.46	4.24	2.92	2.96	4.18	3.46	4.70	3.70	11.33	5.65	60.90	53.33	12.4
581	BOONSHILL	C-3	TVA	680	10	5.16	7.49	8.25	7.07	7.55	6.36	5.45	3.79	0.76	3.94	6.39	3.66	2.24	4.32	1.49	3.92	3.88	4.27	4.68	2.21	4.98	4.76	12.71	5.55	63.54	57.34	8.3
58	FAYETTEVILLE	C-3	USWB	695	36	6.19	5.17	5.90	5.29	6.56	5.58	3.78	4.16	0.85	3.97	6.76	3.63	2.12	4.83	3.38	3.67	#5.18	2.95	----	----	5.44	4.12	10.77	4.69	-----	-----	10.0
605	BELLEVILLE	C-3	TVA	747	10	5.31	7.95	8.91	7.42	7.47	6.42	4.57	4.05	0.61	4.20	6.55	4.54	7.30	5.45	2.62	2.92	3.89	4.30	3.96	2.56	5.14	5.09	12.30	5.78	68.63	60.68	12.2
383	PETERSBURG	C-3	TVA	826	13	----	----	8.15	7.23	7.00	5.91	4.89	3.77	0.84	4.01	5.22	4.39	5.15	5.57	2.74	3.42	4.08	3.44	3.85	2.13	4.40	4.60	11.58	4.98	-----	-----	----
582	LYNCHBURG	C-3	TVA	780	10	6.32	7.44	7.63	6.63	7.12	6.42	4.23	3.67	0.45	3.90	7.14	4.40	4.50	4.41	2.42	3.63	5.38	4.85	2.52	2.20	5.13	5.03	11.87	5.73	64.71	58.31	12.0
60	BELVIDERE (R)	C-3	TVA	970	16	4.93	5.84	6.20	5.18	7.42	5.30	3.96	3.92	0.88	3.27	6.53	4.07	1.71	5.13	3.00	3.99	5.24	3.24	2.07	2.36	7.22	3.98	8.03	4.30	57.19	50.58	
61	TULLAHOMA	C-3	USWB	1065	65	7.68	4.89	6.33	4.63	7.41	5.80	6.26	5.11	0.52	4.29	6.18	4.26	3.02	4.80	1.52	4.44	4.28	3.26	3.02	3.59	5.16	3.59	10.95	5.80	62.33	54.46	10.5
450	WINCHESTER SUBSTA.	C-3	TVA	960	12	5.48	6.38	6.19	5.66	7.23	5.64	5.04	3.89	0.44	3.85	5.99	4.52	2.24	5.65	0.87	3.78	5.04	3.66	1.72	2.66	5.74	4.30	8.02	4.82	54.00	54.81	8.9
701	HILLSBORO	D-3	TVA	1051	2	6.01		7.01		6.62		5.48		1.26		5.70		2.83		2.98		5.78		1.66		6.21		8.27		59.81		7.7
472	MONTEAGLE	D-3	USWB	1920	12	8.18	4.97	5.79	4.36	9.72	5.63	6.03	4.93	0.88	4.60	9.25	5.17	3.12	5.25	5.24	5.09	4.15	3.26	3.19	3.49	7.12	3.87	10.59	5.21	73.26	55.83	14.0
	TENNESSEE RIVER - GUNTERSVILLE TO CHICKAMAUGA																															
70	GUNTERSVILLE DAM	C-4	TVA	611	16	4.66	5.66	6.17	5.78	10.23	6.37	5.71	4.50	0.95	2.89	6.42	3.94	3.71	4.51	2.70	3.94	6.87	3.09	5.05	2.45	5.18	3.66	9.32	4.60	66.97	51.39	----
403	GUNTERSVILLE (R)	C-4	TVA	610	13	4.92	5.81	4.73	5.68	11.55	6.84	4.47	3.99	0.59	2.81	4.67	3.79	3.78	4.30	3.46	3.95	6.08	3.35	5.53	2.58	4.62	3.69	10.43	4.93	64.83	51.72	----
72	ALBERTVILLE	C-4	USWB	1050	26	5.27	5.15	#5.90	4.88	12.27	6.29	5.10	4.66	1.15	4.21	6.83	4.24	3.62	5.01	5.82	4.41	5.17	3.17	3.42	3.27	#4.60	3.72	9.83	5.36	#68.98	54.37	----
482	BOAZ (R)	C-4	USWB	1010	11	5.39	5.60	2.74	5.55	11.17	6.97	6.26	4.37	2.14	3.26	7.74	3.95	2.54	3.85	3.14	3.85	----	----	4.54	2.58	----	----	10.50	5.47	-----	-----	
482A	BOAZ	C-4	USWB	1010	14	4.41	5.29	3.82	5.68	11.23	7.07	6.16	4.58	1.76	3.42	6.81	4.18	3.32	4.58	3.01	4.12	3.20	3.64	3.10	2.06	4.47	4.29	10.30	5.17	61.59	54.08	----
524	BAND MT. STATE FARM	D-4	API	1195	11	4.70	6.05	4.75	6.14	#12.70	7.47	5.81	4.63	1.29	3.29	5.26	4.02	3.05	4.41	1.95	4.27	4.99	3.74	4.24	2.75	4.80	4.59	10.68	6.14	#64.22	57.50	----
483	COLLINSVILLE	D-4	USWB	825	14	3.74	6.11	4.32	6.55	12.07	7.20	5.52	4.73	2.06	3.70	5.99	4.10	4.06	5.08	1.84	4.13	5.53	3.78	3.58	2.24	4.03	4.47	11.24	5.11	63.98	57.20	3.0
515	LEESBURG	D-4	USWB	636	59	4.11	5.16	3.79	5.33	13.74	6.17	#7.77	4.65	3.09	3.81	5.54	4.02	2.33	5.35	1.87	4.06	4.92	2.97	2.62	3.23	5.10	3.41	12.39	5.78	#67.27	53.94	2.1
75	SOUTH HILL	C-4	TVA	980	16	5.27	6.74	4.79	6.02	11.26	6.70	6.19	5.03	0.91	3.66	5.47	3.86	3.76	4.83	2.19	4.34	4.99	3.33	5.24	2.75	5.37	3.98	13.59	5.37	69.03	56.61	3.2
79	FT. PAYNE (R)	D-4	USWB	920	11	5.27	4.97	3.21	5.50	11.61	7.06	6.02	4.19	0.92	3.42	#6.30	3.61	3.34	4.00	2.40	3.40	3.67	3.99	#5.20	2.87	3.34	2.75	9.26	5.60	#60.54	51.36	
79A	FT. PAYNE	D-4	USWB	920	16	4.85	6.32	4.05	5.93	11.33	6.73	6.46	4.88	1.07	3.26	6.08	4.16	3.65	4.62	2.61	3.73	3.88	3.19	3.87	2.48	5.69	3.78	9.52	4.82	63.06	53.90	4.4
80	VALLEY HEAD	D-4	USWB	981	66	4.51	4.85	4.45	4.84	----	5.65	6.75	5.08	0.85	4.26	7.94	4.29	4.93	5.01	2.18	4.56	3.53	2.55	----	3.45	----	3.16	#9.04	5.17	-----	52.87	----
386	SYLVANIA	D-4	TVA	1400	13	4.61	6.14	4.64	6.79	11.39	6.63	6.71	4.34	0.81	3.23	6.46	4.71	3.81	4.16	2.05	3.32	8.36	3.76	2.74	2.16	5.60	4.20	10.85	5.28	68.03	54.72	6.0
76	SCOTTSBORO	C-4	USWB	637	70	6.11	4.82	5.13	4.84	12.36	5.81	4.86	4.81	0.57	3.98	5.92	4.42	4.35	4.97	4.95	4.14	5.67	2.84	3.47	3.27	5.20	3.28	9.27	5.47	67.86	52.65	4.0
76A	SCOTTSBORO SUBSTA.	C-4	TVA	660	5	5.28		4.81		11.26		5.17		0.41		5.61		4.44		4.26		6.31		3.27		4.55		9.30		64.67		5.7
695	PLEASANT GROVE SCHOOL	D-4	TVA	633	3	5.25		5.05		7.90		6.46		1.77		6.69		1.93		2.40		3.67		3.38		7.42		9.64		61.56		3.4
387	FLAT ROCK (R)	D-4	TVA	1380	13	3.79	5.44	4.51	6.14	11.06	6.24	5.69	3.67	0.58	3.53	5.73	3.69	5.54	3.94	1.06	3.16	#4.91	2.90	2.23	2.09	5.44	4.00	9.06	4.65	#59.60	49.45	
704	WIDOWS CREEK STEAM PLANT	D-4	TVA	612	2	4.70		5.20		8.44		6.19		1.41		4.71		5.11		DISCONTINUED JULY 31, 1951										-----	-----	----
704A	WIDOWS CREEK STEAM PLANT (R)	D-4	TVA	612	2	4.70		5.20		8.44		6.19		1.41		4.71		5.11		2.14		5.46		2.51		4.50		9.54		59.91		
83	BRIDGEPORT	D-4	USWB	690	55	6.12	4.81	4.98	4.84	8.99	5.96	6.95	4.68	1.45	4.18	5.22	4.17	2.92	4.89	1.90	4.06	5.71	2.65	4.39	3.25	5.02	3.32	9.87	5.37	63.52	52.18	----
84	SEWANEE	D-3	TVA	1925	58	5.83	5.31	6.02	5.01	9.22	6.09	7.23	4.83	0.99	4.23	6.65	4.85	2.23	5.49	1.82	4.62	5.05	3.15	3.01	3.24	8.65	4.16	9.18	5.12	65.88	56.10	9.0
451	JASPER SUBSTA.	D-3	TVA	650	12	6.58	6.37	6.96	6.01	11.23	6.85	4.92	4.22	2.69	3.43	7.26	4.04	2.60	5.25	2.40	3.44	6.51	3.28	3.77	2.82	6.14	4.81	10.88	5.65	71.94	56.17	4.0
85	LOCKHART TOWER	D-3	TVA	2400	16	6.25	7.14	5.91	6.52	9.35	6.64	6.05	4.88	0.98	4.12	5.78	4.80	5.48	6.62	1.05	4.90	3.86	2.89	3.80	3.21	7.91	4.89	10.86	5.61	67.28	62.22	6.8
86	DUNLAP	D-3	TVA	730	28	6.15	6.04	5.86	5.04	8.64	5.46	4.71	4.58	1.85	3.36	5.50	4.33	2.54	5.48	1.07	4.03	5.12	3.28	2.33	2.87	#6.31	3.68	8.48	5.10	#58.56	53.25	----
438	CAGLE (R)	D-3	TVA	2120	12	5.86	6.00	6.53	5.38	8.17	5.92	7.17	4.07	1.49	3.10	5.81	3.58	3.14	4.61	1.71	4.04	4.24	3.19	3.41	2.84	6.00	3.89	9.26	5.10	62.79	51.72	----
389	COLLEGE JUNCTION	D-3	TVA	800	13	5.78	5.66	5.63	5.77	7.83	5.58	4.56	3.86	2.80	3.63	4.56	4.13	1.54	4.60	1.67	3.65	5.68	3.19	3.45	2.52	6.37	4.01	7.87	4.83	57.74	51.43	3.2
390	LITTON	D-3	TVA	980	13	6.27	5.84	7.69	6.33	8.15	5.66	5.87	4.07	1.84	3.66	7.39	4.19	3.68	6.00	2.63	4.26	3.84	3.36	3.20	2.35	7.31	4.34	8.79	5.26	66.66	55.32	3.5
452	HALES BAR DAM	D-3	TVA	690	12	3.59	5.19	6.27	5.51	8.16	5.74	4.54	3.77	2.03	3.13	5.38	3.98	2.74	4.49	2.69	2.96	4.25	3.08	2.38	2.45	5.46	4.00	7.95	4.75	55.44	49.05	----
692	SIGNAL MOUNTAIN	D-3	TVA	1720	3	4.09		7.00		9.43		5.16		1.61		5.40		3.14		1.65		5.96		2.94		6.23		9.84		62.45		7.3
669	RIBING FAWN	D-4	TVA	820	5	3.96		4.05		11.19		6.08		0.97		8.10		5.92		1.26		5.01		2.03		5.49		9.97		64.03		3.5
391	LOOKOUT MOUNTAIN	D-4	TVA	2100	21	4.15	5.82	5.18	5.77	9.39	6.06	6.23	4.04	0.62	3.78	5.02	4.46	2.64	5.42	3.05	4.36	6.72	3.63	2.67	3.21	6.03	4.17	8.61	5.18	60.31	55.90	7.5
628	FLINTSTONE	D-4	PRIVATE	710	9	3.27	6.34	3.56	5.71	9.07	6.94	7.06	4.82	0.53	3.63	4.88	3.95	6.02	4.97	2.28	2.61	4.06	4.40	3.30	3.82	4.77	5.01	8.92	4.67	57.72	56.87	----
89	CHATTANOOGA	D-3	USWB	750	72	----		DISCONTINUED JANUARY 1, 1951																						-----	-----	----
488	CHATTANOOGA AIRPORT (R)	D-3	USWB	671	73	4.59	5.26	4.16	4.88	8.34	5.78	5.50	4.85	1.50	3.79	5.50	4.16	1.95	4.25	2.57	4.03	5.57	3.11	3.64	3.01	4.00	3.36	8.89	5.13	56.21	51.61	2.0
566	CHICKAMAUGA PARK	D-4	USDI	789	11	3.43	6.04	3.85	6.01	9.02	6.44	5.65	4.06	0.87	3.24	5.97	4.25	4.13	6.41	4.02	3.91	3.53	4.14	2.55	3.23	5.46	4.28	9.36	5.43	57.84	57.44	----
82	LAFAYETTE	D-4	USWB	810	17	#3.28	5.32	4.03	5.63	11.69	5.22	7.74	5.34	#1.55	3.53	#5.77	4.86	#4.76	5.26	2.05	4.56	#3.15	3.36	2.98	2.69	5.15	3.63	8.46	4.86	#60.61	54.26	T
82A	LAFAYETTE (R)	D-4	USWB	810	12	3.62	5.32	3.48	5.63	11.76	5.22	7.36	5.34	1.57	3.53	5.41	4.86	4.25	5.26	2.10	4.56	3.12	3.36	----	2.69	PUBLICATION OF DATA DISC.				-----	-----	----
392	TUNNEL HILL	D-4	TVA	880	13	2.97	5.35	4.12	6.16	10.89	6.02	5.12	3.62	0.70	3.50	4.89	4.34	3.25	4.20	2.59	4.32	5.25	3.68	2.34	2.78	4.99	3.86	8.67	4.84	55.78	52.67	4.0
396	DALTON	E-4	USWB	800	14	#3.05	6.51	4.43	6.05	10.20	5.65	6.43	4.93	0.74	4.03	6.28	4.15	3.26	5.11	1.80	5.12	3.99	3.11	2.67	3.06	6.37	4.06	----	4.84	-----	56.62	----
	CANEY FORK ABOVE ROCK ISLAND																															
88	ROCK ISLAND POWERHOUSE	D-3	TVA	900	47	6.79	5.14	7.90	4.77	7.80	5.81	6.36	4.22	2.42	4.10	3.95	4.40	3.07	5.24	2.37	4.27	5.20	3.60	4.01	3.08	6.66	3.62	10.72	4.88	67.25	53.13	----
88A	ROCK ISLAND (R)	D-3	USWB	900	12	8.19	5.87	4.78	5.44	5.88	4.68	5.33	3.48	2.09	3.01	3.49	3.81	2.68	4.82	2.09	3.66	4.66	3.42	----	----	PUBLICATION OF DATA DISC.				-----	-----	----
665	SMITHVILLE	D-3	USWB	1030	8	10.03	5.38	5.39	4.57	5.51	5.99	6.34	4.56	1.67	3.94	5.42	4.57	2.14	4.93	1.07	4.63	4.37	2.91	4.31	3.11	4.85	3.81	10.89	4.41	61.99	52.81	20.7
439	DIBRELL	D-3	TVA	950	12	6.58	5.75	7.49	5.84	6.47	5.38	5.71	3.63	1.40	3.68	4.87	3.78	3.19	4.67	3.49	4.11	3.81	3.63	3.18	2.29	5.66	4.43	10.51	4.70	62.36	51.89	6.7
440	IRVING COLLEGE	D-3	TVA	1050	12	5.74	4.91	6.19	5.25	5.66	5.07	4.24	3.32	3.18	3.04	5.02	3.80	1.89	4.45	2.37	3.57	4.92	3.03	1.88	2.13	5.76	3.62	7.70	4.20	54.55	46.39	3.8
441	ALTAMONT	D-3	TVA	1920	12	7.29	6.53	6.47	6.38	8.23	6.19	6.05	4.43	1.71	3.56	5.35	3.88	2.21	4.50	1.48	3.84	3.91	3.55	2.39	2.49	6.45	4.45	8.51	5.47	60.05	55.27	9.2
87	MCMINNVILLE	D-3	USWB	1015	69	8.49	4.80	6.40	3.94	6.47	5.48	5.27	4.42	2.52	4.02	5.77	4.41	2.04	5.17	3.20	4.16	4.81	3.36	3.58	3.39	4.91	3.30	9.46	4.96	62.92	51.41	10.8
87B	MCMINNVILLE	D-3	TVA	1000	10	7.03	6.74	7.44	6.60	6.58	5.37	5.44	3.49	3.00	3.84	5.99	4.01	1.77	5.30	2.29	4.21	4.65	3.81	2.97	2.23	5.14	4.45	9.15	5.27	61.45	55.32	5.5
442	TROUSDALE	D-3	TVA	980	12	7.02	5.76	7.45	6.09	6.31	5.20	4.98	3.45	3.02	3.39	4.93	3.65	2.33	4.15	2.81	4.28	5.20	3.45	3.73	2.31	5.82	4.20	10.34	4.81	63.94	50.74	7.0
443	SUMMITVILLE (R)	D-3	TVA	1120	12	6.16	6.15	7.94	6.35	6.56	5.81	4.35	3.63	3.24	3.66	9.33	3.94	0.75	4.29	2.09	3.79	4.28	3.29	3.10	2.47	5.99	4.20	10 33	4.84	64.12	52.42	----
437	ROCKY RIVER	D-3	TVA	900	12	5.33	5.48	7.41	5.83	6.26	5.42	5.44	3.66	3.50	3.51	6.04	4.96	0.95	5.13	1.84	4.58	5.84	3.52	2.16	2.46	6.17	4.00	8.27	4.48	59.21	53.03	6.6
432	SPARTA SUBSTA.	D-3	TVA	920	35	7.10	5.22	6.83	4.47	6.49	5.59	6.47	4.28	2.11	3.99	5.23	4.91	3.67	5.37	3.30	4.66	5.50	3.36	2.97	2.83	6.12	3.61	10.66	4.75	66.45	53.04	9.3

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1951 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	CANEY FORK ABOVE ROCK ISLAND (CONT'D)																															
432A	SPARTA (NEAR)	D-3	USWB	900	12	7.94	6.85	#6.09	6.22	6.68	4.94	6.68	3.97	2.05	3.90	5.00	4.04	6.48	4.83	3.63	4.27	5.69	3.81	3.78	2.48	6.61	4.81	10.01	4.92	#70.64	55.04	8.4
433	TAYLORS	D-2	TVA	950	12	7.09	5.93	7.08	5.75	6.24	5.46	6.21	3.80	1.49	3.89	4.68	4.36	5.06	5.04	1.77	3.86	4.05	3.72	3.34	2.36	6.78	4.30	10.73	5.24	64.52	53.71	8.7
165	MONTEREY	D-2	USWB	1900	20	7.96	5.27	8.24	5.42	6.51	5.94	6.48	4.57	2.38	4.53	5.76	4.88	3.58	5.36	1.54	5.79	3.84	4.00	3.63	2.80	7.78	3.99	13.00	5.10	70.70	57.65	15.0
165A	MONTEREY (R)	D-2	USWB	1900	4	10.35	5.27	5.72	5.42	----	5.94	----	4.57	----	4.53	7.09	4.88	2.17	5.36	1.45	5.79	3.88	4.00	4.99	2.80	5.96	3.99	12.59	5.10	-----	57.65	---
434	EASTLAND	D-3	TVA	1750	34	#7.19	5.91	7.92	5.18	6.95	6.42	6.00	5.09	1.30	4.06	5.22	5.29	6.38	5.73	2.67	4.72	5.52	3.75	2.33	3.30	7.23	3.58	8.55	5.46	67.26	58.49	8.0
435	HERBERT	D-3	TVA	1660	12	5.76	5.50	6.68	5.67	6.10	5.26	4.76	3.95	1.72	3.14	4.94	3.66	1.33	4.68	0.60	4.00	4.42	3.06	1.26	2.36	5.65	3.53	6.97	4.69	50.19	49.50	9.5
436	FALLS CREEK PARK	D-3	TVA	1500	12	5.38	5.38	6.94	5.92	6.75	5.24	5.52	3.86	2.32	3.38	4.73	3.85	4.60	6.12	1.60	4.43	4.38	3.45	1.48	2.67	6.45	3.89	8.08	5.10	58.23	53.29	---
	TENNESSEE RIVER - CHICKAMAUGA TO WATTS BAR																															
90	CHICKAMAUGA DAM	D-3	TVA	700	16	3.77	6.51	6.29	5.69	8.35	5.91	4.71	4.54	1.14	3.64	5.30	4.31	3.26	5.34	3.71	3.60	5.38	3.13	2.63	3.08	6.54	4.17	9.36	5.45	60.44	55.37	---
430	OOLTEWAH	D-3	TVA	765	12	3.14	5.76	5.27	5.35	8.57	6.02	5.20	3.57	1.60	3.23	4.31	3.99	2.56	5.19	8.12	4.85	5.93	3.45	2.04	3.27	5.06	3.80	7.87	5.23	59.67	53.71	---
393	LEWIS CHAPEL	D-3	TVA	1850	13	6.50	6.66	5.13	6.33	10.46	6.84	5.05	4.42	2.72	3.78	4.96	4.79	1.44	4.83	1.83	4.02	5.22	3.33	3.78	2.76	5.97	4.58	10.61	5.71	63.67	58.05	5.2
685	FRIENDSHIP SCHOOL	D-3	TVA	760	4	4.25		6.67		10.12		5.11		1.88		4.93		5.38		3.45		3.48		2.69		5.99		9.49		63.44		3.9
420	MORGANTOWN	D-3	TVA	740	12	3.75	5.98	6.71	5.53	8.85	6.22	4.27	4.47	1.11	3.60	5.27	4.72	4.86	5.99	2.68	4.09	3.33	3.47	2.73	3.00	5.12	4.38	9.01	5.51	57.69	56.96	3.8
92	MORGAN SPRINGS	D-3	TVA	1900	17	5.17	7.22	7.21	6.07	----	----	4.52	4.91	1.47	4.14	6.30	4.89	2.65	5.98	2.34	5.20	4.37	3.22	3.22	3.77	6.48	4.88	10.38	5.44	-----	-----	---
156	BREEDENTON	E-3	USWB	700	56	5.49	4.76	5.47	4.85	9.02	5.87	4.80	4.84	1.25	4.20	8.30	4.67	1.88	5.01	2.35	4.36	5.07	3.20	2.86	3.31	6.65	3.72	7.98	6.05	61.12	54.84	4.0
427	RIDDLES STORE	E-3	TVA	980	12	3.80	5.69	7.73	5.50	9.21	5.66	5.05	3.86	1.53	3.49	5.61	3.84	3.67	6.07	2.07	4.21	6.36	3.46	3.28	3.35	5.50	4.03	7.78	4.88	61.59	54.04	5.4
494	PORTER LAKE	E-3	TVA	725	11	4.85	6.19	6.11	5.30	8.38	5.90	4.48	4.31	1.65	3.69	5.34	3.76	4.00	5.34	3.07	3.20	4.06	3.70	3.21	3.37	6.98	4.64	7.35	5.30	59.48	54.70	3.1
	TENNESSEE RIVER - WATTS BAR TO KNOXVILLE																															
421	WATTS BAR DAM	E-3	TVA	830	12	4.11	5.87	7.04	5.49	8.60	5.78	5.13	4.24	1.78	3.81	7.28	4.10	3.09	5.52	2.82	3.20	4.48	3.59	3.20	3.07	6.76	4.27	7.79	5.06	62.08	54.00	2.5
157	RODDY (R)	E-3	TVA	800	16	5.00	6.21	7.40	5.62	6.81	5.34	4.25	4.38	1.47	3.67	5.14	3.38	6.20	5.85	1.38	3.40	3.68	3.11	2.19	2.88	6.00	4.10	8.01	5.17	57.53	53.11	---
479	ROCKWOOD	E-3	PRIVATE	910	33	5.74	5.47	9.11	5.63	8.38	5.42	4.89	4.32	1.87	4.13	5.23	4.04	5.56	5.30	2.39	3.76	4.34	3.68	2.36	2.41	5.69	4.43	9.11	5.35	64.67	53.94	2.0
170	LOUDON	E-3	USWB	800	57	5.08	4.38	5.41	4.36	8.90	5.03	5.58	4.62	0.93	3.77	5.06	4.58	2.88	4.33	1.61	4.44	6.54	3.38	2.84	3.13	5.97	3.44	6.17	5.62	56.97	51.08	6.0
490	FORT LOUDOUN DAM (R)	E-3	TVA	880	11	4.37	5.56	6.15	5.54	8.68	5.13	5.12	3.48	0.81	3.52	3.05	2.88	3.05	6.63	1.55	2.86	6.09	3.60	2.72	2.90	6.07	3.85	6.65	4.71	54.31	50.66	---
490A	FORT LOUDOUN DAM	E-3	TVA	880	11	4.04	5.56	6.86	5.57	8.49	5.11	5.49	3.52	0.87	3.54	3.15	2.91	3.27	6.71	1.57	2.90	6.36	3.67	2.01	2.87	6.35	3.88	6.10	4.69	54.56	50.93	4.0
637	U. S. COTTON FIELD STA.	F-3	USDA	885	17	4.55	5.71	6.52	5.12	7.96	5.17	5.28	3.94	1.54	3.51	6.49	3.61	3.38	5.57	2.03	3.61	5.58	2.65	1.97	2.52	6.81	3.61	5.88	4.14	57.99	49.16	2.0
409	KNOXVILLE AIRPORT (R)	F-3	USWB	984	13	5.02	4.66	4.80	4.51	7.46	5.05	5.33	4.14	1.29	3.75	5.81	4.10	4.06	4.36	1.30	3.92	4.37	2.68	2.90	2.62	4.96	3.07	5.43	4.52	52.73	47.38	3.0
205	ALCOA	F-3	ALCOA	900	36	4.33	5.18	DISCONTINUED FEBRUARY 1, 1951																						-----	-----	---
394	PROVIDENCE	F-3	TVA	1100	13	4.22	4.75	5.66	4.99	8.07	5.08	5.47	3.39	1.86	3.27	4.46	3.79	4.49	5.04	2.95	3.83	3.91	2.75	1.72	2.30	7.23	3.47	5.96	4.10	56.00	46.76	3.8
716	WILDWOOD (NEAR)	F-3	TVA	-	-							ESTABLISHED JUNE 1951						5.22		2.36		4.43		1.84		7.54		6.07		-----	-----	---
497	WALLAND	F-3	TVA	900	11	3.78	4.95	5.55	4.95	7.76	5.23	5.35	3.30	1.44	3.75	4.42	3.47	DISCONTINUED JUNE 30, 1951												-----	-----	---
715	TOWNSEND	F-3	TVA	1047	-							ESTABLISHED JUNE 26, 1951						5.65		2.58		4.32		1.50		7.07		5.19		-----	-----	---
473	UNIV. TENNESSEE FARM (R)	F-3	U.T.	800	14	4.94	4.97	6.89	5.72	7.88	4.94	5.26	3.97	2.45	3.88	4.91	4.17	3.50	6.14	1.91	3.78	6.71	2.97	1.93	2.17	6.64	3.82	6.05	4.24	59.07	50.77	---
473A	UNIV. TENN. FARM LYSIMETER PLOT	F-3	U.T.	850	32	5.03	4.69	7.06	5.10	7.93	5.13	5.24	4.24	2.36	4.03	5.00	4.31	3.55	5.38	2.04	4.28	6.59	2.89	1.97	2.60	6.57	3.60	6.03	4.73	59.37	50.98	---
207	KNOXVILLE (R)	F-3	USWB	1035	81	5.94	4.66	5.12	4.51	7.26	5.05	4.70	4.14	3.35	3.75	#5.55	4.10	5.54	4.36	1.94	3.92	----	2.68	----	2.62	----	3.07	5.76	4.52	-----	47.38	---
651	UNIV. TENN. GEOLOGY BLDG.	F-3	U.T.	974	81	5.46	4.66	#5.25	4.51	----	5.05	5.12	4.14	3.87	3.75	4.90	4.10	4.88	4.36	2.03	3.92	6.37	2.68	1.98	2.62	5.95	3.07	5.61	4.52	-----	47.38	---
658	KNOXVILLE GARAGE	F-3	TVA	890	6	5.86		5.97		7.48		4.97		4.12		5.36		4.23		2.45		6.89		2.20		5.76		6.01		61.30		1.0
653	WHITTLE SPRINGS	F-2	TVA	1000	7	4.26		7.40		6.84		4.45		4.25		----		1.95		3.03		5.71		2.85		5.87		6.31		-----		1.0
655	RITTA	F-2	TVA	1030	7	#4.84	7.23	7.75	6.02	#7.22	4.99	3.83	3.27	2.53	4.15	5.50	4.01	4.13	4.40	2.29	3.74	5.76	2.42	2.39	2.87	6.23	4.86	6.45	4.51	#58.92	52.47	3.0
657	FOUNTAIN CITY	F-2	TVA	970	6	4.41	7.16	#7.93	6.10	7.31	5.22	4.62	3.15	3.82	4.76	4.58	3.87	3.80	5.12	2.65	3.74	5.87	2.36	2.14	2.74	6.15	4.89	6.34	4.68	#59.62	53.79	1.0
	CLINCH RIVER BELOW NORRIS DAM																															
158	KINGSTON	E-3	USWB	760	60	5.04	4.55	8.22	4.41	8.47	5.41	5.24	4.62	0.84	3.82	5.82	4.54	2.08	4.89	1.74	3.95	5.84	3.38	2.41	3.02	6.60	3.45	7.88	5.43	60.18	51.47	2.2
712	KINGSTON STEAM PLANT (R)	E-3	TVA	760	-					ESTABLISHED MAY 16, 1951				----		8.05		2.39		1.73		4.12		2.30		6.31		7.67		-----		---
484	HARRIMAN (R)	E-3	TVA	765	30	5.78	4.83	9.13	5.22	8.70	5.79	4.58	4.50	1.45	3.87	7.49	4.28	2.93	5.85	2.81	3.42	4.77	3.17	2.65	2.66	5.97	3.87	9.07	4.85	65.33	52.31	---
705	MORGAR	E-3	TENN.	1310	2	#6.06		#10.35		7.46		4.73		2.38		5.81		5.16		2.52		3.55		2.27		5.64		10.24		#66.17		---
167	PETROS	E-2	TVA	1400	17	6.45	6.86	10.67	6.35	9.41	5.83	5.49	4.58	2.63	4.64	5.66	4.50	4.94	5.83	1.54	4.97	3.48	3.47	3.18	3.11	7.78	4.73	10.41	5.64	71.64	60.51	5.0
160	PILOT MOUNTAIN	E-2	TVA	1400	16	5.17	5.74	8.72	5.21	8.12	4.87	4.50	3.58	3.98	4.23	4.47	3.82	5.23	4.78	1.72	4.62	2.69	3.13	2.08	2.50	4.95	3.56	6.97	4.34	58.60	50.38	8.0
485	SUNBRIGHT (R)	E-2	USWB	1480	12	8.05	6.18	5.15	4.92	6.45	4.74	7.02	3.54	2.80	3.78	4.08	4.35	7.05	4.59	1.90	3.96	3.34	3.18	#3.56	2.62	----	----	9.23	4.82	-----	-----	---
164	CLARKRANGE	D-2	TVA	1800	16	6.95	5.98	6.61	4.93	6.54	4.89	5.41	3.74	2.34	3.64	4.18	3.85	4.88	4.83	2.06	4.04	3.90	3.00	1.93	2.32	7.24	4.01	#10.11	4.50	#62.15	49.73	10.0
159	HEBBERTSBURG	E-2	TVA	1770	17	6.32	5.80	9.24	5.74	8.00	5.14	5.38	4.26	3.27	3.85	5.03	3.77	10.49	5.90	1.64	4.31	4.17	3.29	1.83	2.85	5.82	4.17	8.02	4.96	69.21	54.04	5.9
163	CROSSVILLE (NEAR)	D-2	USWB	1920	40	8.13	4.99	8.03	4.65	8.22	5.92	5.23	4.79	3.00	4.10	4.19	4.52	2.77	5.62	1.31	4.55	4.88	3.30	2.06	3.17	7.28	3.34	11.58	5.24	66.68	54.19	---
507	LANTANA (R)	D-3	TVA	1910	11	6.33	6.42	7.93	5.61	6.80	5.19	5.27	3.79	1.17	3.28	4.53	3.58	4.95	4.29	0.96	3.55	4.13	3.31	1.49	2.33	6.65	3.99	8.54	5.54	58.75	50.88	----
699	BIG LICK	D-3	TVA	1840	2	7.03		8.78		7.33		6.03		2.39		7.13		5.46		4.52		5.51		2.14		7.52		9.11		72.95		4.5
418	FRANKFORT	E-2	TVA	1460	12	5.73		7.01		6.14		4.54		2.50		3.47		6.04		1.61		3.01		2.12		6.06		8.62		56.85		5.5
417	CROSSVILLE	D-3	TVA	1850	13	6.93	5.53	7.16	5.67	7.64	5.50	5.78	3.72	1.70	3.55	4.11	3.88	3.51	4.16	2.00	4.16	4.00	3.19	1.84	2.64	6.72	3.93	8.67	4.96	60.06	50.89	3.0
166	CONCORD (NEAR)	E-3	TVA	1000	17	#4.99	5.25	6.61	4.90	7.49	4.83	5.72	4.34	1.14	3.42	3.68	3.11	1.94	5.40	0.91	2.76	5.80	2.56	2.70	2.25	6.20	3.62	6.09	4.12	#53.27	46.56	5.7
508	PAULETTE	F-2	TVA	1050	11	4.66	5.60	8.49	5.42	7.59	5.05	4.79	3.22	3.16	3.55	4.84	3.57	3.76	4.78	1.54	3.98	4.96	3.60	2.76	2.70	7.89	4.30	6.24	4.42	60.68	50.19	1.0
710	WHEAT (R)	E-3	CCCO.	750	3	8.05		7.17		10.38		5.82		1.45		8.45		2.42		2.73		4.89		3.32		6.18		8.94		69.80		---
676	OAK RIDGE (NEAR) (R)	E-3	CCCO.	900	5	6.16		6.12		8.91		5.10		0.90		3.87		2.73		2.13		6.19		3.51		5.63		8.39		59.64		---
711	OAK RIDGE WB (R)	E-2	USWB	905	5	7.10		6.35		8.09		4.86		1.23		4.83		3.74		1.38		4.95		2.96		6.70		8.01		60.20		---
169	CLINTON TVA NURSERY	E-2	TVA	850	63	4.88	4.69	9.06	4.58	8.18	5.51	4.59	4.50	3.08	3.68	4.78	5.16	5.04	5.00	1.38	4.57	5.81	3.18	2.25	2.77	7.46	3.39	8.24	5.32	64.75	52.35	2.6
371	VASPER	E-2	TVA	990	14	4.40	5.33	7.93	5.60	7.34	5.10	4.82	3.87	1.68	3.72	5.31	3.77	6.70	4.88	3.05	3.97	4.80	3.18	2.41	2.11	7.92	4.35	7.77	4.89	64.13	50.77	1.0
322	NORRIS EVAPORATION STA. (R)	E-2	TVA	1020	15	4.97	5.74	8.29	5.30	7.39	5.09	3.69	3.60	3.71	4.16	5.29	3.86	4.84	4.59	2.64	3.31	4.62	2.71	3.16	2.53	7.46	4.02	8.41	3.97	64.47	48.88	---
323	NORRIS DAM	E-2	TVA	875	18	3.94	5.46	8.55	5.21	7.54	5.35	3.81	3.51	4.16	4.25	5.32	3.67	4.09	4.54	3.03	4.06	4.51	2.95	3.11	2.40	7.75	3.93	8.39	4.35	64.20	49.68	1.0

(#) Interpolated or partly interpolated. (R) Recorder at present.

TENNESSEE VALLEY AUTHORITY

ANNUAL 1951 PRECIPITATION—In Inches

HYDRAULIC DATA BRANCH

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	CLINCH RIVER ABOVE NORRIS DAM																															
584	TURLEY	E-2	TVA	1410	10	#5.01	5.97	#7.36	5.48	6.95	5.17	3.89	3.34	1.46	5.27	7.26	4.96	4.28	4.78	2.92	4.87	3.30	3.51	3.64	2.73	7.48	4.66	8.74	4.57	#62.29	55.31	6.5
523	ELK VALLEY (NEAR)	E-2	USWB	1250	11	4.29	5.49	6.96	5.09	6.29	4.69	4.39	3.34	1.73	4.21	5.65	4.02	5.28	6.17	1.68	4.74	4.10	3.49	2.58	2.36	7.46	4.22	8.69	4.53	59.10	52.35	2.0
325	LAFOLLETTE	E-2	TVA	1065	18	4.88	5.12	8.24	4.75	8.23	4.59	4.55	3.59	2.25	4.05	7.37	4.41	6.25	5.24	1.86	4.67	2.88	2.66	3.22	2.26	8.21	3.85	9.32	4.09	67.26	49.28	2.5
423	WESTBOURNE SUBSTA.	E-2	TVA	1340	12	4.96	5.16	8.70	4.92	7.25	4.97	4.96	3.75	2.06	4.45	5.57	4.37	5.58	6.34	2.24	4.42	3.37	2.90	3.75	2.60	8.03	3.93	10.02	4.54	66.49	52.35	4.5
326	WELL SPRING	F-2	TVA	1040	14	#4.34	4.62	8.13	4.99	7.18	4.64	4.48	3.29	1.19	4.19	6.12	3.98	6.46	5.01	2.26	3.72	3.83	2.69	4.18	2.41	6.88	3.64	8.54	4.01	#63.59	47.19	1.8
333	ARTHUR	F-2	TVA	1150	16	4.54	5.71	8.45	5.23	6.27	4.91	4.40	3.46	3.28	3.58	4.73	4.15	2.06	5.67	1.34	4.55	7.65	2.89	2.92	2.59	7.20	3.74	8.91	4.21	61.75	50.69	1.5
334	MIDDLESBORO	F-2	USWB	1128	60	5.78	4.43	#7.33	4.20	6.12	5.30	4.12	4.38	1.65	4.05	6.08	4.56	3.14	4.84	2.18	4.17	3.72	2.61	2.47	2.49	8.54	3.37	10.00	4.47	#61.13	48.87	---
338	ROSE HILL	F-2	TVA	1475	18	4.93	5.75	6.63	4.94	4.93	5.15	2.25	3.78	2.81	3.99	5.31	4.63	2.47	5.76	0.78	4.56	7.96	2.89	2.36	2.64	6.40	3.70	7.76	3.96	54.59	51.75	3.6
487	BAXTER (NEAR) (R)	F-2	USWB	1175	12	5.51	5.00	6.55	4.31	4.96	4.20	5.45	3.31	3.02	3.49	5.20	4.50	4.89	5.59	3.71	4.73	6.03	3.07	2.75	2.36	5.53	3.42	8.33	4.11	61.93	48.09	---
339C	JONESVILLE NO. 3 (R)	F-2	VPI	1525	4	----		----		----		----		----		----		----		DISCONTINUED JULY 31, 1951										-----	-----	---
339B	JONESVILLE NO. 2	F-2	TVA	1375	17	3.84	5.19	6.03	4.77	5.88	4.98	4.35	3.87	2.57	3.63	3.67	4.50	2.96	5.73	1.41	4.80	4.35	2.53	2.45	2.46	6.92	3.38	6.76	3.97	51.19	49.81	6.2
340	PENNINGTON GAP	F-2	USWB	1386	20	5.03	5.27	5.92	4.82	6.15	5.40	4.36	3.87	3.57	3.58	6.48	4.30	3.04	5.52	1.05	4.47	6.50	2.37	1.92	2.54	6.62	2.84	8.14	4.04	58.78	49.02	7.8
341	OLINGER	G-2	TVA	1400	17	4.23	5.27	5.14	4.42	5.15	4.88	4.18	3.55	3.81	4.04	4.10	4.55	2.24	5.28	0.70	4.75	8.06	2.88	1.39	2.50	6.89	3.32	7.40	3.87	53.29	49.31	6.3
344	HIGH KNOB (R)	G-2	TVA	4150	17	#3.60	5.28	#3.82	4.32	5.30	5.16	3.38	3.94	4.21	4.22	2.21	4.99	5.92	6.96	2.10	6.26	4.46	3.36	1.41	2.84	5.85	3.26	5.36	3.48	#47.62	54.07	---
342	DUNBAR, VIRGINIA	G-2	TVA	2000	17	#4.43	5.02	#5.29	4.34	5.35	4.81	4.41	3.88	6.57	4.29	5.73	4.73	5.82	6.15	3.59	5.17	5.47	2.92	1.48	2.59	6.47	3.47	6.50	3.67	#61.11	51.04	11.4
327	WHITE HOLLOW (R)	F-2	TVA	1500	17	3.86	5.13	8.56	4.83	6.38	4.50	3.96	3.09	1.63	3.60	6.40	3.48	5.99	4.75	1.86	3.17	5.18	2.25	3.85	2.29	7.52	3.60	8.38	3.97	63.57	44.66	---
563	WALKERS FORD	F-2	TVA	1080	11	4.05	4.81	7.96	5.16	6.36	4.67	4.82	3.06	2.35	3.96	4.20	3.48	5.99	5.32	1.37	3.65	5.54	2.71	5.00	2.62	8.12	4.06	7.12	4.12	62.88	47.62	1.2
335	TAZEWELL, TENNESSEE (NEAR)	F-2	TVA	1330	46	3.75	4.83	7.19	4.59	6.09	5.01	4.34	4.01	3.88	4.01	4.61	4.09	5.88	4.76	3.31	4.66	6.33	2.99	2.83	2.74	7.25	3.12	7.46	4.62	62.92	49.43	4.1
336	BIG SYCAMORE (R)	F-2	TVA	2300	17	3.36	4.76	6.33	4.38	5.10	4.58	4.22	3.24	1.74	3.47	4.46	3.83	3.91	5.07	1.23	4.04	6.23	2.23	2.39	2.01	6.06	2.92	6.47	3.55	51.50	44.08	---
673	THORN HILL	F-2	TVA	1430	5	3.88		6.42		6.48		4.94		3.28		4.04		3.55		1.33		5.31		3.31		6.13		6.06		54.73		1.9
348	CLINCHPORT	G-2	TVA	1260	56	3.43	4.23	5.24	4.06	5.40	4.79	4.62	3.55	3.67	3.62	2.93	4.24	3.73	4.94	2.55	4.49	4.17	2.93	1.85	2.46	6.12	2.87	6.51	4.16	50.22	46.34	0.5
349	DUNGANNON	G-2	TVA	2500	17	#3.88	4.53	3.80	3.89	4.25	4.14	3.47	3.09	4.29	3.13	2.48	4.12	4.85	6.01	1.42	4.21	4.52	2.87	#1.20	2.34	4.68	2.81	5.64	3.42	#44.48	44.56	T
350	DANTE	G-2	USWB	1765	35	----	3.94	----	3.60	4.39	4.47	3.66	3.54	6.65	4.42	4.95	4.72	5.13	5.90	1.89	4.83	4.41	3.32	1.97	2.95	4.41	2.86	5.56	3.59	-----	48.14	---
351	CLEVELAND, VIRGINIA	G-2	TVA	1540	18	2.62	3.87	3.95	3.60	4.76	4.01	3.65	3.12	4.55	3.73	6.80	4.81	2.84	5.68	2.32	5.50	4.25	3.00	1.37	2.49	4.78	2.94	5.17	3.15	47.06	45.90	0.5
352	HONAKER (NEAR)	G-1	TVA	2200	17	2.15	3.78	#3.70	3.59	4.95	3.98	3.84	3.32	6.03	4.07	3.79	4.74	2.42	5.43	3.09	5.03	4.63	3.38	1.07	2.83	4.49	2.96	3.58	3.04	#43.74	46.15	14.4
614	HONAKER (R)	H-1	TVA	1950	10	2.09	3.66	3.42	3.78	4.69	3.75	3.20	2.95	4.25	4.26	4.03	4.04	2.25	4.56	3.66	4.38	3.63	3.40	1.23	2.46	3.95	2.64	3.67	3.26	40.07	43.14	---
355	SPRING CREEK (R)	H-2	TVA	2340	3	2.11		3.16		4.91		4.05		4.79		3.23		3.94		2.28		5.05		1.22		3.57		4.40		42.71		---
353	SWORDS CREEK	H-1	TVA	1900	17	2.26	3.70	4.04	3.53	5.17	3.95	3.72	3.36	4.84	4.22	4.40	4.16	3.31	5.56	3.23	4.70	5.19	3.05	1.46	2.46	4.54	2.57	4.67	2.90	46.83	44.16	10.1
356	JEWELL RIDGE	H-1	TVA	2750	17	2.31	3.64	3.29	3.47	4.73	3.92	4.33	3.17	4.47	3.78	4.31	4.82	1.98	5.07	4.23	4.89	3.36	2.72	1.32	2.64	4.63	2.85	3.81	2.86	42.77	43.83	27.4
357	TAZEWELL, VIRGINIA	H-1	TVA	2450	17	1.86	3.33	3.70	3.25	5.41	3.77	4.00	2.93	3.98	3.89	4.99	4.27	1.49	4.64	5.94	3.96	3.51	2.99	0.80	2.28	3.83	2.46	3.96	2.94	43.47	40.71	13.2
	HOLSTON RIVER																															
395	STRAWBERRY PLAINS	F-2	TVA	925	13	4.31	4.57	5.70	5.28	6.11	4.45	4.49	3.13	1.90	3.58	4.36	3.48	4.46	4.86	2.38	2.99	6.15	2.96	2.73	2.15	5.57	3.35	5.62	3.83	53.78	44.63	T
289	JOPPA	F-2	TVA	980	17	#4.52	5.59	#6.33	4.96	7.17	5.02	4.00	3.93	3.13	3.70	3.67	3.33	4.24	4.68	1.94	3.94	5.76	2.56	1.97	2.38	5.46	3.43	6.56	3.77	#54.75	47.29	0.6
489	CHEROKEE DAM	F-2	TVA	1000	11	4.39	4.78	6.45	5.17	7.10	4.52	4.96	2.96	4.37	3.81	4.13	3.54	4.92	5.43	1.70	3.83	4.60	2.93	2.68	2.39	6.09	3.49	5.67	3.88	57.06	46.73	T
486	JEFFERSON CITY (NEAR) (R)	F-2	USWB	1200	31	----	----	----	----	----	----	4.26	3.49	3.86	3.55	3.12	3.71	4.45	4.87	2.21	4.08	3.44	2.46	3.86	2.74	----	----	----	----	-----	-----	---
579	JEFFERSON CITY EVAP. STA.	F-2	TVA	1200	10	4.85	5.02	4.80	5.34	7.02	4.66	4.54	2.89	3.98	4.18	3.71	3.39	6.00	5.14	1.89	3.92	4.53	3.36	2.31	2.25	5.73	3.61	5.29	4.23	54.65	47.99	1.3
290	MORRISTOWN (NEAR)	F-2	TVA	1325	17	4.97	5.32	5.55	5.07	6.18	5.05	4.50	3.48	2.62	3.62	4.74	3.73	5.29	5.78	1.89	4.34	6.60	3.14	2.20	2.38	5.75	3.60	5.70	3.93	55.99	49.44	1.6
346	FLAT GAP	F-2	TVA	2000	16	3.71	5.22	5.67	4.80	5.97	4.56	4.48	3.38	2.98	3.65	4.42	3.72	5.04	5.41	1.28	4.08	5.53	2.70	3.06	2.35	6.14	3.24	6.31	3.84	54.59	46.95	0.1
291	ROGERSVILLE	G-2	TVA	1090	67	3.93	3.86	4.37	3.71	5.53	4.58	3.95	3.57	2.96	3.74	3.99	4.17	4.32	4.65	1.98	3.99	4.48	2.83	2.20	2.63	5.58	2.59	5.60	4.22	48.89	44.54	1.4
347	LITTLE WAR GAP	F-2	TVA	2000	17	3.93	4.91	4.47	4.34	5.25	4.91	4.54	3.57	3.10	3.49	3.51	3.65	4.51	5.84	1.16	3.87	5.11	2.81	2.91	2.38	6.27	3.21	6.16	3.77	50.92	46.75	3.0
516	STANLEY KNOBS (R)	G-2	TVA	1250	11	3.52	4.08	4.68	4.24	5.42	4.23	4.19	3.04	2.77	3.47	3.25	3.79	3.44	4.83	1.24	4.04	3.51	2.36	2.42	2.20	5.28	2.81	5.58	3.79	45.30	42.88	---
314	BIG KNOB (R)	G-2	TVA	3150	17	3.02	4.07	4.10	3.77	4.79	3.82	3.86	2.84	3.48	2.99	2.33	2.68	2.71	4.82	3.15	3.60	#3.72	2.59	1.54	2.19	4.75	2.65	4.61	3.13	#42.06	39.15	---
315	MENDOTA	G-2	TVA	1350	47	2.75	4.19	4.24	3.68	5.23	4.51	4.73	3.68	4.60	3.93	4.15	4.35	8.41	5.07	3.20	4.41	4.20	3.05	1.67	2.89	5.28	2.74	4.90	3.83	53.36	46.33	5.1
316	HOLSTON	G-2	TVA	3450	17	2.79	3.76	3.50	3.71	3.91	3.73	3.85	2.87	5.69	3.65	2.65	3.77	4.43	4.91	1.74	3.87	3.53	2.52	1.44	2.62	3.94	2.63	4.47	3.10	41.94	41.14	14.5
318	SALTVILLE	H-2	USWB	1735	30	2.23	3.60	2.78	3.61	4.46	4.43	3.87	3.04	6.77	3.81	5.06	4.26	2.77	5.03	2.41	4.38	3.32	2.94	1.08	2.82	3.99	2.55	4.19	3.49	42.93	43.96	5.8
318A	SALTVILLE	H-2	TVA	1725	11	2.14	3.57	2.62	3.11	4.34	3.61	4.30	2.56	7.58	4.62	6.10	4.03	2.81	4.34	2.09	4.80	3.87	3.09	1.09	2.01	4.01	2.60	4.32	3.29	45.27	41.63	4.2
320	BURKES GARDEN	H-1	USWB	3075	56	2.45	3.68	2.62	3.58	5.49	4.63	3.85	3.60	2.77	4.13	5.23	4.70	4.84	4.62	5.43	4.42	3.34	3.33	1.54	2.95	#3.13	2.88	3.46	3.52	#44.15	46.04	23.2
535	KINGSPORT RESERVOIR	G-2	TVA	1870	11	3.22	4.28	----	----	----	----	DISCONTINUED MARCH 1951																		-----	-----	---
693	FALL BRANCH	G-2	TVA	1460	3	2.92		3.43		5.10		3.57		1.84		3.28		5.35		2.75		2.81		1.30		4.81		5.24		42.40		0.5
293	KINGSPORT	G-2	USWB	1270	30	2.96	3.65	3.60	3.80	4.83	3.81	3.62	3.47	3.47	4.09	3.77	3.83	4.14	5.10	2.78	4.29	4.26	2.72	1.70	2.62	4.67	2.45	4.51	3.96	44.31	43.79	3.2
717	FORT PATRICK HENRY DAM	G-2	TVA	1220	-																	ESTABLISHED OCTOBER 19, 1951				4.29		4.74		-----		---
707	BOONE DAM	G-2	TVA	1375	1	2.85		3.12		4.06		3.64		4.66		4.25		6.38		2.68		3.15		1.74		4.17		4.21		44.91		---
376	BRISTOL AIRPORT (R)	G-2	USWB	1545	14	3.24	3.65	2.97	3.80	4.39	3.81	3.79	3.47	4.81	4.09	5.04	3.83	7.89	5.10	3.46	4.29	2.94	2.72	1.91	2.62	3.66	2.45	4.19	3.96	48.29	43.79	3.4
688A	NORTH BRISTOL SUBSTA., VIRGINIA	G-2	TVA	1740	4	3.30		3.37		4.81		4.74		6.01		3.93		3.84		3.19		2.47		1.47		4.11		4.86		46.10		0.4
495	BRISTOL, VIRGINIA	G-2	USWB	1800	19	3.13	2.93	2.85	3.48	4.77	4.22	3.87	2.96	6.13	3.41	3.90	4.26	5.25	5.10	4.02	3.80	2.22	2.68	2.56	2.12	4.26	2.74	4.28	3.51	47.24	41.21	---
688	BRISTOL (NEAR) VIRGINIA	G-2	TVA	1920	3	3.42		3.11		4.79		4.56		6.39		3.68		3.93		3.14		2.23		1.58		4.21		4.78		45.82		5.0
307	WALLACE (NEAR)	G-2	TVA	1885	16	3.00	4.16	#2.89	3.47	4.62	3.38	4.23	2.64	5.39	3.56	3.70	3.74	5.97	5.14	4.45	4.31	1.71	2.86	1.23	2.11	3.84	2.48	4.49	2.91	#45.52	40.76	3.5
306	BLUFF CITY	G-2	TVA	1540	55	2.60	3.69	2.80	3.63	5.08	4.36	4.30	3.35	4.26	3.81	5.62	4.14	7.50	5.60	3.63	4.43	3.08	2.94	1.37	2.54	4.74	2.49	4.26	3.53	49.24	44.51	1.0
597	SOUTH HOLSTON DAM	G-2	TVA	1520	6	3.10		3.13		4.69		4.18		5.70		6.63		6.63		5.02		2.57		1.42		4.44		3.59		51.10		3.5
308	CRANDULL	H-2	TVA	3405	17	3.73	4.62	3.75	4.17	4.24	4.42	4.66	3.68	6.58	5.05	4.93	4.54	4.28	6.30	3.65	5.00	2.34	3.58	2.32	2.76	5.13	3.20	5.04	3.66	50.65	50.98	20.5
604	ABINGDON (R)	H-2	TVA	2000	10	3.03	4.20	2.92	4.12	4.44	4.16	3.99	3.01	5.06	4.60	3.85	3.74	5.50	5.50	1.93	5.03	2.65	3.01	1.25	2.17	3.80	2.88	4.03	3.51	42.45	45.93	---
317	EMORY	H-2	USWB	2205	24	2.03	3.54	2.41	3.31	4.26	4.12	3.61	3.05	7.22	3.77	----	3.79	----	4.02	----	4.84	----	2.69	1.08	2.43	3.56	2.26	----	3.35	-----	41.17	---
312	MARION	H-2	TVA	2200	45	2.39	3.30	2.06	3.38	4.28	3.81	3.99	3.07	4.67	4.06	4.95	4.75	2.89	4.74	2.80	4.49	2.87	2.85	1.03	2.42	3.37	2.42	3.23	2.91	38.53	42.20	10.5
613	GROSECLOSE	H-2	TVA	2570	9	2.76	3.61	1.84	3.16	4.25	3.49	4.46	3.06	3.95	4.59	3.22	3.55	3.34	4.59	6.70	4.85	3.09	3.46	#0.93	2.14	3.64	2.98	3.58	3.13	#41.76	42.61	13.5

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1951 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev	Yrs.of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	HOLSTON RIVER (CONT'D)																															
613A	GROSECLOSE (R)	H-2	TVA	2590	2	1.77		1.77		4.51		3.91		3.82		3.79		3.18		6.51		2.68		0.73		3.81		3.40		39.88		---
313	WYTHEVILLE	H-2	USWB	2299	76	#1.48	3.08	1.56	2.99	4.20	3.44	3.70	2.99	3.41	3.66	3.82	4.20	3.89	4.00	6.76	4.19	3.19	3.30	0.58	2.84	3.22	2.14	3.07	2.92	#38.88	39.75	---
309	DAMASCUS	H-2	USWB	1950	25	2.70	3.37	2.94	3.66	4.32	3.92	4.31	3.35	4.98	4.32	4.99	4.07	4.47	5.72	3.49	4.46	2.39	3.32	1.30	2.37	4.63	2.42	4.93	2.95	45.45	43.93	11.1
675	WHITETOP MOUNTAIN	H-2	TVA	5470	5	3.76		2.62		4.57		4.20		----		----		DISCONTINUED JUNE 6, 1951												-----		---
310	LOVES MILL	H-2	TVA	2060	17	2.09	3.86	2.03	3.26	3.96	3.52	4.67	2.96	6.97	4.56	6.48	4.13	4.89	5.21	2.03	4.55	3.92	2.91	1.23	2.26	3.94	2.48	3.39	2.85	45.60	42.55	6.0
311	TROUT DALE (R)	H-2	USWB	3120	17	2.20	3.95	3.18	3.68	4.95	4.21	4.23	3.63	----	----	----	----	----	----	2.14	5.00	1.39	3.44	1.59	2.60	PUBLICATION OF DATA DISC.				-----	-----	---
408	SUGAR GROVE	H-2	USFS	2680	13	1.65	3.14	2.30	3.08	3.47	3.43	4.62	3.10	4.44	4.03	3.56	4.03	2.45	5.02	2.61	4.66	2.61	2.69	0.65	1.88	3.09	2.58	----	----	-----	-----	---
294	CEDAR CREEK	G-2	TVA	1750	17	2.92	4.12	3.15	3.83	4.49	4.27	3.49	3.07	3.02	3.42	3.74	3.66	6.01	5.80	3.86	3.70	2.89	3.04	1.90	2.37	4.31	2.76	3.77	3.28	43.55	43.32	0.8
689	JOHNSON CITY SUBSTA.	O-2	TVA	1580	4	2.74		2.73		5.48		3.36		3.54		6.07		5.71		3.24		5.46		1.51		5.02		3.84		48.70		1.5
416	JOHNSON CITY VETERANS HOSPITAL	O-2	TVA	1730	34	2.96	3.52	2.85	3.44	4.72	4.14	3.55	3.23	2.88	3.88	7.31	4.22	6.68	5.16	2.38	4.24	3.95	2.88	1.55	2.47	5.18	2.56	3.67	3.44	47.68	43.18	3.9
652	JOHNSON CITY ETSC (R)	O-2	ETSC	1700	3	2.93		2.85		3.38		2.96		2.50		6.31		7.62		2.03		----		2.46		----		----		-----		---
295	ELIZABETHTON NO. 2	O-2	TVA	1512	60	2.53	3.43	2.85	3.33	4.56	4.24	3.54	3.31	3.27	4.15	5.45	4.89	7.68	5.30	2.30	4.46	5.24	2.96	1.85	2.53	4.72	2.26	4.00	3.33	47.99	44.19	1.1
225	STONE MOUNTAIN	G-2	TVA	2590	17	2.15	4.51	2.55	4.49	5.30	5.03	4.44	3.65	2.59	3.88	7.67	4.90	4.20	6.89	1.57	4.22	3.05	3.29	1.56	2.56	4.75	3.27	5.04	3.44	44.87	50.13	6.4
708	ROAN MOUNTAIN	O-2	TVA	2585	-	EST. JAN. 9'51		3.11		4.51		3.95		3.90		5.66		5.98		1.54		2.79		2.09		4.79		6.11		-----		---
686	HAMPTON	O-2	TVA	1825	4	2.94		2.72		3.71		3.90		3.84		#6.45		5.67		2.00		3.08		2.04		3.07		3.73		#43.15		4.6
596	WATAUGA DAM	O-2	TVA	1714	5	3.34		2.98		5.22		4.17		4.18		5.28		4.81		2.13		3.92		2.40		5.95		4.17		48.55		5.0
297	COLESVILLE	G-2	TVA	2130	17	1.98	3.97	2.52	3.87	2.85	3.63	3.74	2.70	4.93	3.79	5.12	4.13	3.05	5.14	3.88	4.57	2.47	3.23	0.77	2.28	4.50	3.00	3.72	3.29	39.53	43.60	1.2
491	BUTLER (R)	G-2	TVA	2070	11	3.03	3.71	3.72	3.37	4.34	3.84	4.11	2.94	6.61	4.09	6.15	4.56	3.97	6.01	2.16	3.81	2.82	3.35	1.65	1.94	5.12	2.89	4.25	3.22	47.93	43.73	---
645	MAYMEAD	H-2	TVA	2250	8	----	----	2.64	3.39	----	----	----	----	----	----	----	----	----	----	----	----	DISCONTINUED SEPTEMBER 30, 1951								-----	-----	---
609	TRADE	H-2	TVA	3530	9	2.85		2.49		3.59		3.57		3.66		5.53		3.42		5.07		2.26		1.73		5.19		3.27		42.63		23.3
301	MOUNTAIN CITY	H-2	TVA	2410	43	2.11	3.74	2.47	3.49	3.82	4.24	3.41	3.46	4.85	4.11	4.93	4.57	4.48	5.79	2.46	4.87	3.30	3.05	1.21	2.57	3.54	2.34	4.51	3.32	41.09	45.55	6.7
304	PARKER	H-2	USWB	3950	34	3.01	4.20	2.39	3.50	4.48	4.60	3.90	3.90	4.88	3.90	----	5.90	4.08	5.20	3.57	5.80	3.75	3.60	3.22	3.30	4.02	2.20	4.16	3.60	-----	49.70	26.8
305	JEFFERSON	H-2	USWB	2900	46	2.30	3.20	2.99	3.40	4.81	4.20	3.39	3.80	2.08	4.40	4.73	5.00	1.77	4.90	2.75	5.20	1.89	4.20	1.36	3.90	3.78	2.60	5.42	4.20	37.27	49.00	18.5
298	ODOMVILLE	G-2	TVA	2760	17	4.10	3.95	3.05	3.79	3.60	4.13	3.94	3.43	5.33	4.31	5.23	4.79	7.17	6.85	1.97	4.34	3.01	3.23	2.24	2.57	4.76	3.10	3.68	3.06	48.08	47.55	11.7
299	BANNER ELK	H-2	USWB	3710	44	2.69	3.72	2.95	3.78	5.13	5.33	3.79	4.24	2.44	4.85	3.95	5.37	4.16	6.26	3.55	5.85	2.87	4.43	1.75	4.91	3.55	2.60	6.66	4.59	43.49	55.93	---
300	REESE	H-2	TVA	3320	17	2.72	3.77	2.87	3.86	4.74	4.14	3.84	3.38	4.12	4.43	5.14	4.18	3.24	6.20	4.95	4.78	3.75	3.44	3.71	2.96	3.53	3.11	2.98	3.07	45.59	47.32	14.7
607	MAST	H-2	TVA	2670	9	2.14	3.57	2.32	2.74	4.13	3.81	2.90	3.19	2.45	4.03	3.41	4.61	2.31	4.60	1.16	3.52	3.57	3.72	1.24	2.74	3.89	3.49	4.69	3.31	34.21	43.33	14.7
694	RICH MOUNTAIN GAP (R)	H-2	TVA	4350	5	3.37		3.22		6.34		4.15		3.80		6.91		2.54		3.41		2.65		2.12		5.01		4.72		48.24		---
303	BOONE	H-2	USWB	3332	23	2.72	3.64	4.52	3.15	7.93	5.03	3.78	4.40	1.82	4.59	3.88	5.93	3.79	6.05	1.57	6.18	2.76	4.23	1.49	6.02	4.38	2.94	7.27	5.24	45.91	57.40	20.8
632	BLOWING ROCK	H-2	USWB	3600	8	----	----	----	----	----	----	4.10	4.17	2.01	5.34	7.20	5.59	6.34	6.92	4.16	6.56	2.89	5.94	0.80	4.02	----	----	5.81	3.67	-----	-----	---
	HIWASSEE RIVER BELOW HIWASSEE DAM																															
93	BIG SPRING	E-3	TVA	720	17	3.83	6.43	5.71	5.38	9.94	5.73	4.09	4.46	3.25	3.88	4.10	4.18	2.57	5.40	3.77	4.35	6.82	3.25	2.52	3.13	7.17	4.01	8.53	4.88	62.30	55.08	3.6
429	CLEVELAND SUBSTA.	H-3	TVA	850	12	2.72	5.55	4.79	5.30	9.91	6.08	4.08	3.69	1.43	3.81	7.51	4.02	2.30	4.20	2.78	3.48	5.30	3.50	1.70	3.38	6.83	4.31	7.98	5.21	57.33	52.53	5.2
98	CHARLESTON	H-4	TVA	720	59	3.00	5.03	6.19	5.00	10.73	5.83	4.12	4.55	0.77	3.93	4.11	4.70	2.38	4.73	4.47	4.01	6.97	3.01	1.79	3.07	#8.87	3.56	8.05	5.01	#61.45	52.43	2.4
428	ATHENS SUBSTA.	E-3	TVA	940	12	3.91	5.81	7.60	5.33	10.20	6.07	4.21	3.71	1.20	4.07	#4.46	3.69	2.61	5.34	3.03	4.46	7.82	3.98	2.45	3.38	7.50	4.06	8.23	5.01	#63.22	54.91	4.5
C17	NEW BETHEL (R)	H-3	TVA	900	7	2.62	6.47	5.69	5.01	9.79	5.34	3.63	3.26	2.46	4.07	5.33	4.37	3.26	3.92	1.76	4.04	7.30	3.86	1.78	3.42	8.68	5.23	7.68	4.67	59.98	53.66	---
C19	DOUBLE SPRINGS (R)	H-3	TVA	820	8	3.01	7.04	6.14	5.22	11.05	6.05	3.97	3.45	1.93	4.19	4.42	4.12	3.86	4.34	2.48	3.91	6.17	4.24	1.97	3.28	8.49	5.19	7.98	4.72	61.47	55.75	---
C11	ENGLEWOOD	E-3	TVA	820	8	2.85	7.01	6.80	5.16	9.84	5.61	3.80	3.52	1.45	4.16	4.36	3.66	3.85	5.15	2.99	3.46	5.83	4.07	1.57	3.24	8.14	5.01	7.23	4.51	58.71	54.56	---
C5	HICKORY GROVE (R)	E-3	TVA	1040	8	3.75	7.16	6.51	5.43	9.71	5.72	4.13	3.76	1.65	4.77	4.74	4.59	3.13	4.33	2.26	3.58	5.04	4.05	1.91	3.29	8.12	4.86	7.77	4.80	58.72	56.34	---
C7	CENTER	H-3	TVA	980	8	3.68	7.31	6.05	5.33	9.93	5.44	3.81	3.48	1.81	4.15	4.24	3.47	3.55	5.31	2.46	3.42	5.50	4.35	2.01	3.40	7.33	4.91	7.10	4.53	57.47	55.10	---
99	PARKSVILLE DAM	E-3	TVA	750	27	3.34	4.80	4.64	4.74	10.08	5.66	4.56	4.23	1.96	4.02	5.41	4.94	9.78	5.07	3.08	3.93	7.28	3.05	1.50	2.77	5.85	3.36	7.69	4.64	65.17	51.21	---
627	CONASAUGA (NEAR)	H-3	USWB	775	8	2.89	6.43	4.00	5.59	9.74	6.28	4.70	3.68	1.46	3.58	5.26	3.79	3.44	4.42	4.87	2.66	5.57	3.97	2.08	3.35	6.80	5.06	7.30	4.31	58.11	53.12	
690	DOUBLE SPRINGS GAP (R)	E-4	USWB	1000	6	3.00		4.37		9.89		4.30		2.33		7.11		4.00		2.72		6.53		2.35		4.45		7.15		58.20		---
100	OCOEE NO. 2 POWERHOUSE	H-3	TVA	860	37	3.24	5.00	5.85	4.72	9.90	5.78	4.15	4.31	1.51	4.03	5.99	4.25	4.96	5.48	4.20	4.26	6.48	3.25	1.60	3.13	6.20	3.74	7.80	4.81	61.88	52.76	---
101	SASSAFRAS KNOB (R)	E-3	TVA	3300	17	3.15	6.34	5.82	5.79	9.73	6.26	3.88	4.82	3.40	3.97	5.37	4.24	3.05	5.91	2.52	4.61	9.34	3.41	3.17	3.25	6.01	4.21	8.34	5.19	63.78	58.00	---
502	BOYD GAP (R)	H-3	TVA	1520	11	2.95	5.63	4.13	5.50	9.74	6.68	3.93	3.41	3.44	3.61	5.02	4.48	DISCONTINUED JULY 16, 1951												-----	-----	---
501A	DUCKTOWN (R)	H-3	TVA	1600	12	2.43	4.85	3.47	4.73	9.03	5.82	4.08	3.29	3.20	3.64	4.85	4.48	2.87	5.45	3.37	3.99	6.58	3.01	1.78	3.15	4.79	3.57	7.51	4.62	53.96	50.60	---
106	ISABELLA (R)	E-3	TVA	1780	17	2.58	5.47	3.48	4.90	9.06	5.97	4.55	4.27	4.09	3.69	4.87	4.07	DISCONTINUED JULY 16, 1951												-----	-----	---
107	COPPERHILL	E-4	USWB	1624	38	3.14	5.28	4.06	4.70	10.23	5.28	5.17	4.95	2.04	4.09	5.75	4.22	3.94	5.22	4.40	4.34	8.63	3.41	1.77	2.90	5.58	3.22	8.63	5.96	63.34	53.57	3.7
431	COPPERHILL NO. 2 SUBSTA.	E-3	TVA	1600	16	3.30	6.10	3.89	5.38	10.56	6.38	5.16	4.38	2.08	3.67	5.03	4.46	3.63	6.42	3.88	4.47	7.72	3.26	1.77	3.07	5.29	3.55	8.43	5.09	60.74	56.23	3.1
109	FLAT TOP (R)	E-4	TVA	3650	17	6.37	10.03	6.70	8.55	13.95	8.87	6.23	6.50	1.25	4.91	8.17	6.29	3.89	8.59	2.61	5.69	12.88	4.51	3.46	4.14	7.83	6.21	14.81	7.97	88.15	82.26	---
110	BLUE RIDGE DAM	E-4	TVA	1560	31	3.20	5.61	3.68	5.25	11.00	6.15	4.62	4.93	1.79	4.36	8.52	4.26	4.03	5.44	2.39	4.21	10.98	3.07	1.64	2.74	4.76	3.73	9.45	6.08	66.06	55.83	3.0
111	STANLEY GAP (R)	E-4	TVA	2300	17	3.13	6.87	3.56	6.15	13.94	6.92	5.19	5.19	1.72	3.85	6.34	4.29	7.74	5.93	1.46	4.62	7.55	3.02	2.24	2.84	3.85	4.30	10.26	5.68	66.98	59.66	---
112	NOONTOOTLA CREEK	E-4	TVA	1960	17	4.21	6.33	3.72	6.42	9.92	7.16	6.24	5.20	2.14	4.36	8.63	4.75	6.35	6.27	0.92	5.35	7.13	3.24	1.99	3.27	6.38	4.02	11.06	5.35	68.69	61.72	5.5
633	DIAL POST OFFICE	E-4	TVA	1900	4	3.82		3.62		9.90		5.97		2.03		9.33		9.11		1.05		7.30		2.06		5.33		12.16		71.68		2.8
115	SUCHES	E-4	TVA	2800	17	3.50	7.68	4.82	7.18	11.91	8.21	9.52	6.31	1.02	5.12	8.62	5.41	5.31	7.40	2.95	7.38	7.48	4.36	5.00	4.69	5.91	5.70	15.72	6.94	81.76	76.38	5.7
120	COKER CREEK	E-3	TVA	1650	17	4.40	6.06	5.66	5.58	9.96	6.39	4.17	4.50	1.94	4.08	4.92	4.32	2.92	5.76	1.39	4.40	5.27	2.83	1.58	2.69	6.27	4.00	7.57	4.74	56.05	55.35	7.5
638	APALACHIA POWERHOUSE	E-3	TVA	880	8	2.93	6.47	4.54	6.46	9.25	6.22	3.95	4.18	1.44	4.34	4.33	4.18	3.12	5.77	3.42	3.89	7.24	3.71	1.72	3.15	6.33	4.73	8.49	4.80	56.76	57.90	3.0
575	FARNER	E-3	TVA	1550	10	3.60	5.96	4.62	5.97	10.09	6.81	4.41	3.94	1.41	4.29	5.12	4.22	6.24	6.23	3.57	4.03	7.10	3.76	1.90	3.28	6.53	4.30	9.19	5.69	63.78	58.48	5.5
121	TURTLETOWN	E-3	TVA	1600	17	3.36	6.12	5.33	5.89	10.64	6.74	4.77	4.66	1.61	3.79	5.43	4.42	3.45	5.77	3.28	4.37	8.63	3.12	2.30	3.09	6.76	3.91	9.49	4.90	65.05	56.78	6.5
575	APALACHIA DAM (R)	E-3	TVA	1176	10	3.11	5.72	4.55	6.00	9.67	6.92	3.77	3.69	1.58	4.18	4.74	3.98	6.48	6.52	3.14	4.77	6.98	4.32	2.06	3.15	6.52	4.29	8.52	5.51	61.12	59.05	---

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1951 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	HIWASSEE RIVER ABOVE HIWASSEE DAM																															
125	HIWASSEE DAM (R)	E-3	TVA	1500	14	3.25	5.39	4.16	5.41	10.96	6.41	4.41	4.17	1.66	3.87	5.42	4.51	4.94	5.65	1.86	3.72	7.00	2.79	1.79	2.62	6.65	3.66	7.90	4.70	60.00	52.90	---
125A	HIWASSEE DAM NO. 2	E-3	TVA	1310	12	3.05	5.54	4.19	5.40	10.66	6.76	4.18	3.84	1.71	3.97	5.88	4.22	4.71	5.59	2.34	3.96	6.96	3.18	1.85	2.78	6.47	3.86	7.71	5.08	59.71	54.18	6.0
126	BEAVERDAM CREEK	E-3	TVA	1900	17	3.62	7.28	4.08	6.46	11.44	7.74	5.15	5.56	2.49	4.62	6.90	5.36	6.00	7.52	2.75	5.87	8.46	3.78	2.95	3.55	5.84	4.55	9.72	6.09	69.40	68.38	6.7
127	LETITIA	E-3	TVA	1800	14	3.57	5.78	3.30	5.72	10.80	6.76	4.94	4.45	1.83	4.11	8.11	4.94	9.49	6.67	2.18	4.28	10.86	3.39	1.91	2.89	4.93	3.87	8.45	5.15	70.37	58.01	6.8
129	SWEET GUM (R)	E-4	TVA	1800	17	2.70	5.86	3.25	5.33	10.70	6.02	4.61	4.72	2.34	3.46	8.71	4.29	6.08	5.49	1.55	4.00	10.54	3.03	1.56	2.52	5.15	3.51	8.72	4.68	65.91	52.91	---
573	NOTTELY DAM	E-4	TVA	1740	10	3.19	5.33	3.22	5.52	8.98	6.28	4.41	3.69	2.83	4.11	7.53	4.21	4.84	5.23	2.14	3.84	8.99	3.36	1.56	2.76	4.35	3.40	7.77	4.89	59.81	52.62	5.5
131	HEMPTOWN GAP	E-4	TVA	2050	17	2.62	5.46	3.01	5.24	8.42	5.88	4.70	4.46	2.60	3.91	8.22	4.17	4.21	5.81	0.84	4.52	6.49	2.81	1.43	2.76	4.68	3.35	8.55	4.25	55.77	52.62	5.8
133	BLAIRSVILLE NO. 2	F-4	TVA	1825	19	2.37	5.82	3.87	5.48	8.49	5.38	6.29	4.01	1.58	4.19	8.26	3.77	6.05	5.19	0.63	4.51	4.86	3.10	1.57	3.19	5.30	3.02	8.84	5.28	58.11	52.94	3.6
570	CHOESTOE	F-4	TVA	1900	9	2.94	5.85	4.06	5.97	9.05	7.69	7.37	4.25	1.96	4.43	7.73	4.76	6.65	5.64	0.84	4.02	5.64	4.27	2.05	3.38	5.15	4.17	9.29	4.90	62.73	59.33	4.7
135	NEEL GAP (R)	F-4	TVA	3300	17	2.09	6.88	3.26	6.16	8.31	6.77	6.70	5.24	1.37	3.92	10.69	4.94	6.71	6.54	1.22	6.66	6.71	4.28	3.70	4.07	5.34	4.72	9.30	5.81	65.40	65.99	---
136	MURPHY EVAPORATION STA. (R)	E-3	TVA	1575	77	3.28	5.61	3.39	5.58	10.98	6.34	5.99	4.77	1.86	4.01	8.36	5.06	6.12	5.82	1.46	5.07	7.44	3.25	1.36	3.09	5.26	3.76	8.16	5.26	63.66	57.62	---
138	TOMOTLA	F-3	TVA	1575	16	4.08	6.56	4.11	6.14	11.97	6.61	5.82	4.95	2.89	3.98	6.77	4.51	4.37	7.30	1.67	4.82	6.39	3.10	1.80	3.03	4.99	3.55	9.73	5.21	64.59	59.76	6.0
140	HYATT CREEK	F-3	TVA	2450	17	5.59	7.91	5.21	7.33	13.81	8.32	5.86	5.84	2.96	5.33	9.09	5.98	5.58	7.86	2.18	5.92	7.60	3.76	2.46	3.94	8.27	4.72	12.34	6.71	80.95	73.62	12.2
141	ANDREWS	F-3	USWB	1840	43	4.62	5.40	4.24	5.50	10.68	6.60	4.63	4.70	1.14	5.00	7.81	5.10	6.19	6.10	1.05	5.00	6.64	3.80	1.49	3.40	6.48	4.00	9.70	6.80	64.67	61.40	5.2
362	TEYAHALEE BALD (R)	F-3	TVA	4750	14	5.14	7.18	4.67	6.68	11.32	7.64	4.52	5.00	1.64	4.80	7.94	6.10	5.68	7.53	2.20	5.00	5.77	3.97	1.94	2.96	6.76	5.16	10.94	6.09	68.52	68.11	---
146	YOUNG HARRIS	F-4	TVA	1920	14	2.69		3.11		6.86		4.86		2.34		9.06		5.46		0.51		3.94		1.19		5.16		7.30		52.48		2.5
147	BRASSTOWN BALD (R)	F-4	TVA	4780	17	2.50	6.13	3.84	5.46	8.45	6.63	7.05	5.28	2.40	4.39	6.23	4.52	7.94	6.51	0.87	5.96	5.84	4.40	2.96	4.13	6.13	4.18	7.72	5.20	61.93	62.79	---
144	ANDREWS DAM	F-3	NP.CO.	1670	17	2.60	4.72	2.79	4.40	7.34	5.19	4.79	4.03	2.03	3.03	8.81	4.21	5.22	6.29	1.22	3.91	5.17	2.50	1.64	2.60	4.39	2.86	6.76	3.78	52.76	47.52	---
572	CHATUGE DAM	F-3	TVA	1930	10	2.39	5.35	3.17	5.61	6.49	5.99	4.91	3.87	1.78	4.14	7.76	4.17	5.18	5.28	0.94	3.64	4.96	3.51	1.27	2.66	4.74	3.55	7.99	4.75	51.58	52.52	5.8
152	GLADE GAP (R)	F-3	TVA	3800	17	3.97	6.53	3.84	6.18	7.34	6.53	5.37	4.83	0.57	4.27	8.98	5.19	4.67	7.60	1.51	5.49	6.09	3.75	2.27	3.29	4.91	3.91	9.29	5.32	58.81	62.89	---
153	LITTLE HIGHTOWER	F-4	TVA	2150	17	3.59	5.48	3.21	5.31	9.09	6.84	6.29	5.10	1.32	4.09	8.45	5.00	6.36	6.79	3.02	5.67	5.85	4.25	3.08	3.72	6.60	4.26	8.77	5.34	65.63	61.85	4.0
574	TITUS	F-4	TVA	2180	10	2.83	5.56	3.69	6.06	8.28	7.96	6.60	5.22	1.33	4.80	9.55	5.49	4.94	6.46	1.37	5.71	6.12	5.50	2.89	4.03	5.70	4.69	9.63	5.70	62.93	67.18	3.2
154	TRAY MOUNTAIN (R)	F-4	TVA	3900	17	2.59	7.26	3.79	6.17	9.68	7.46	6.51	5.87	1.57	4.91	9.02	4.94	6.17	7.81	0.76	7.76	6.63	5.37	6.41	5.14	7.08	5.11	11.64	6.47	71.85	74.27	---
	LITTLE TENNESSEE RIVER BELOW FONTANA DAM																															
171	MCGHEE	E-3	TVA	810	48	3.64	4.42	5.62	4.33	9.02	5.18	5.21	4.30	1.31	3.86	3.84	4.34	1.99	4.70	1.74	3.98	4.24	3.32	1.77	2.96	7.57	3.25	6.29	5.24	52.24	49.88	4.5
173	KITTIE	E-3	TVA	1000	17	3.24	5.70	3.25	4.86	8.52	5.52	4.13	4.01	3.18	4.11	6.27	3.38	3.28	4.79	1.82	4.28	4.61	2.57	1.79	2.83	8.27	3.80	6.73	4.14	55.09	49.99	6.2
174	TELLICO PLAINS	E-3	TVA	940	38	3.47	4.35	4.88	4.30	8.87	5.47	3.89	4.52	1.63	4.32	6.36	5.08	6.56	5.45	1.18	4.95	4.92	3.16	1.66	3.08	7.58	3.30	7.52	5.70	58.52	53.68	3.4
374	TELLICO RANGER STATION	E-3	USFS	1100	13	3.72	5.48	4.63	5.27	8.22	5.45	4.17	4.10	2.59	3.96	5.34	4.70	4.52	5.31	0.85	3.97	3.89	2.62	4.84	2.94	5.12	3.78	7.07	4.32	54.96	51.90	---
179	HAW KNOB (R)	E-3	TVA	4900	17	4.76	7.74	5.59	7.06	10.37	7.58	5.93	5.54	2.11	5.39	5.41	5.89	6.92	8.79	1.52	6.85	7.72	4.12	1.94	3.59	9.21	4.91	10.58	6.11	72.06	73.57	---
175	MINT	E-3	TVA	920	17	#3.69	5.57	5.14	5.08	8.66	5.43	4.71	3.74	1.49	3.90	5.91	3.74	4.37	6.04	1.90	5.15	4.50	3.04	2.47	2.78	7.94	3.82	6.85	4.41	#57.63	52.70	9.3
668	ABRAMS CREEK	F-3	USDI	1400	6	3.79	7.38	5.48	5.26	8.59	5.98	5.39	3.86	1.63	5.02	8.10	4.58	3.76	6.31	1.45	3.91	4.40	2.84	1.88	3.24	9.25	6.04	5.72	4.22	59.44	58.64	---
176	CALDERWOOD POWERHOUSE	F-3	ALCOA	950	21	3.75	4.95	4.81	5.07	9.35	5.64	4.74	4.23	1.17	4.29	5.96	4.09	6.68	6.10	3.32	5.34	5.51	2.74	1.76	3.08	7.26	3.16	7.74	4.32	62.05	53.01	---
178	CHEOAH DAM	F-3	ALCOA	1110	22	4.14	5.37	4.61	5.56	9.22	6.13	4.84	4.51	1.92	4.42	7.39	4.65	5.55	6.11	3.91	5.14	4.13	3.03	1.42	3.15	7.80	3.31	9.09	5.14	64.02	56.52	---
180	SANTEETLAH DAM	F-3	ALCOA	1960	21	3.70	6.31	3.98	5.79	11.25	6.43	4.58	4.38	1.99	3.87	4.98	4.08	5.64	5.46	1.79	4.83	4.70	2.63	1.49	2.77	6.91	3.77	9.87	5.79	60.88	56.11	---
550	SANTEETLAH GAP	F-3	TVA	2650	11	4.54	7.86	4.81	6.98	11.67	7.66	5.24	4.48	1.64	4.70	5.42	5.52	5.92	6.44	2.04	4.42	6.54	4.27	1.67	3.32	7.38	5.16	11.83	6.91	68.70	67.72	11.2
660	TWENTYMILE	F-3	USDI	1310	6	3.23	7.65	4.01	5.31	10.06	6.79	5.28	4.46	2.77	5.35	7.39	5.26	7.00	5.65	1.43	4.38	5.61	3.74	1.47	3.59	8.10	6.10	8.46	5.54	64.81	63.82	---
592	FONTANA DAM	F-3	TVA	1312	10	3.59	5.93	3.60	5.76	10.91	6.37	4.52	3.75	1.74	4.47	8.80	5.23	4.29	5.86	1.78	4.19	4.37	3.53	1.17	2.76	7.01	4.16	8.18	5.44	59.96	57.45	---
	LITTLE TENNESSEE RIVER ABOVE FONTANA DAM																															
181	PROCTOR	F-3	TVA	1735	17	#3.76	6.64	4.31	6.13	11.12	6.40	4.89	4.63	1.29	4.18	7.99	4.91	6.51	6.69	1.82	4.32	7.12	3.30	1.41	2.98	6.76	3.74	8.84	5.11	#65.82	59.03	4.5
182	STECOAH	F-3	TVA	2350	17	4.12	6.92	3.83	6.02	10.10	6.51	5.02	4.86	1.99	4.09	5.50	4.67	3.95	6.39	3.02	4.10	4.72	3.21	1.65	2.87	6.37	3.83	9.06	5.11	59.33	58.58	8.7
696	FORNEY CREEK	F-3	TVA	2180	3	#4.79		#3.52		10.04		5.40		2.25		6.44		5.60		1.75		8.36		1.81		7.01		8.12		#65.09		10.5
184	CLINGMANS DOME (R)	F-3	TVA	6400	16	5.58	9.28	5.73	7.96	12.96	8.32	7.18	6.36	3.20	6.09	9.78	6.63	9.78	9.27	1.79	7.80	9.78	5.40	3.57	4.69	8.86	6.13	10.41	7.04	88.62	84.97	---
185	BRYSON CITY (R)	F-3	TVA	1900	64	3.14	5.00	2.65	5.12	8.25	5.87	3.09	4.19	0.51	4.13	4.37	4.40	4.49	5.48	1.65	4.74	4.63	3.21	1.54	2.81	5.38	3.26	8.09	4.93	47.79	53.14	---
525	ELA (NEAR)	F-3	NP.CO.	1830	10	3.28	5.77	2.64	5.18	8.59	5.93	3.80	3.69	1.55	4.83	5.33	4.41	4.92	5.88	----	----	#4.78	3.48	2.47	2.97	4.13	3.73	8.20	5.28	-----	-----	---
542	CHEROKEE	F-3	USDI	1950	10	3.50	5.67	3.11	5.09	8.42	5.87	3.82	3.26	1.63	3.50	7.31	4.68	6.20	6.18	1.26	3.92	5.00	2.87	1.56	2.47	5.63	3.76	8.42	5.22	55.86	52.49	6.0
186	RAVENSFORD	F-3	USWB	2100	19	3.53	6.50	3.12	6.01	10.30	6.78	----	----	1.28	4.27	6.54	4.28	7.29	6.52	1.50	5.41	5.24	3.26	2.31	2.93	3.60	3.99	9.07	5.16	-----	-----	---
187	SPRUCE MOUNTAIN (R)	F-3	TVA	4800	17	3.45	6.61	4.24	5.51	8.69	6.07	3.89	4.24	1.90	3.82	6.51	4.52	6.13	6.69	1.28	5.15	4.75	3.71	2.12	3.32	6.22	4.31	8.65	4.88	57.83	58.83	---
377	JACK COVE	F-3	TVA	2100	14	2.93	5.20	2.76	5.24	7.21	5.65	4.36	3.52	1.16	3.57	6.34	4.18	4.82	5.80	2.16	4.13	4.43	2.94	1.07	2.07	4.89	3.35	8.31	4.49	50.44	50.14	7.2
249	BALSAM	F-3	TVA	3330	10	3.13	5.74	3.15	5.61	6.94	6.19	5.02	3.91	1.80	4.85	8.58	4.58	6.40	6.10	3.40	5.69	5.54	4.27	1.50	3.34	5.24	4.22	8.60	5.33	59.30	59.83	13.6
189	CULLOWHEE	F-3	USWB	2100	42	0.98	3.90	2.53	3.20	5.32	5.20	2.30	3.00	1.14	3.60	6.63	4.00	9.26	4.20	0.81	4.00	3.91	3.50	1.78	2.70	3.78	2.20	9.01	4.20	47.45	44.30	8.3
564A	THORPE POWERHOUSE	F-3	NPCO.	2320	10	2.21	5.19	3.33	5.12	6.55	6.74	4.11	3.86	1.85	4.25	8.63	4.59	4.25	5.50	2.49	4.03	4.51	4.25	1.39	3.28	5.38	3.96	8.18	5.25	52.88	56.02	---
564	THORPE DAM	F-3	NPCO.	3550	11	2.70	5.63	3.88	5.51	7.25	7.37	4.66	4.19	1.21	4.16	11.41	5.73	2.70	6.06	1.87	4.70	5.09	4.71	1.99	3.64	6.53	4.53	7.98	5.75	57.27	61.98	---
509	LAUREL MOUNTAIN (R)	F-3	TVA	4200	11	3.21	6.82	5.70	5.97	8.11	8.36	4.71	4.96	0.65	5.27	8.22	6.42	4.01	7.84	2.33	5.78	5.11	5.91	2.80	5.00	6.10	5.94	11.14	7.33	62.09	75.60	---
190	HAYWOOD GAP (R)	G-3	TVA	5400	17	2.98	5.99	4.39	5.29	9.42	6.47	4.98	4.91	1.82	4.42	8.16	5.39	7.45	7.69	6.33	7.31	6.23	5.12	4.31	4.68	6.72	4.66	10.50	5.46	73.29	67.39	---
191	OWENS GAP	G-3	TVA	3720	17	2.34	6.75	4.34	5.82	8.76	7.10	5.02	5.77	2.80	4.72	8.14	5.57	4.18	7.90	3.48	7.88	4.22	5.51	3.87	4.63	6.68	5.44	11.50	6.83	65.33	73.92	12.5
193	NANTAHALA	F-3	NP.CO.	2020	17	4.72	6.66	4.58	6.47	10.14	6.74	4.76	5.01	1.60	4.07	8.71	4.97	6.31	6.51	1.18	4.74	4.14	3.28	1.57	3.08	5.83	3.84	10.05	5.09	63.59	60.46	7.9
594	NANTAHALA DAM	F-3	NP.CO.	2950	10	4.87	7.72	4.68	7.01	8.64	7.71	5.18	4.59	2.34	4.96	6.82	4.94	5.33	6.79	1.60	4.20	5.22	4.45	1.75	3.29	5.22	4.74	10.87	6.55	62.52	66.95	---
194	NEEDMORE	F-3	TVA	1830	17	3.45	6.04	3.27	5.21	8.20	5.83	4.68	4.04	0.82	3.27	7.24	4.04	4 29	5.85	0.70	4.04	3.80	2.91	1.41	2.55	5.48	3.57	8.73	4.57	52.07	51.92	10.1
195	RAVEN MOUNTAIN (R)	F-3	TVA	4500	17	3.26	6.54	3.03	5.61	8.48	5.93	4.41	4.29	1.01	3.84	6.43	4.71	3.63	6.82	2.13	5.24	5.39	3.61	1.78	2.96	5.92	3.88	7.51	5.01	52.98	58.44	---
196	FRANKLIN POWERHOUSE	F-3	NP.CO.	2000	18	2.17	4.98	2.88	4.42	7.06	5.44	3.98	3.75	0.67	3.11	8.92	4.48	3.73	5.52	1.28	4.42	6.61	3.24	1.68	2.78	4.84	3.05	9.13	4.07	52.95	49.26	---
198	FRANKLIN	F-3	TVA	2130	3	2.42		3.27		6.46		4.28		0.53		8.78		4.47		1.48		6.35		1.58		4.38		8.24		52.24		5.4
586	CARTOOGECHAYE CREEK	F-3	TVA	2200	10	3.02	5.95	3.93	5.89	7.43	7.34	5.28	4.24	1.00	4.31	7.97	4.42	4.63	6.25	0.93	4.14	5.47	4.61	2.46	3.34	----	----	10.79	6.18	-----	-----	---

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1951 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	LITTLE TENNESSEE RIVER ABOVE FONTANA DAM (CONT'D)																															
197	WAYAH BALD (R)	F-3	TVA	5350	17	5.14	8.01	4.45	6.79	8.37	7.29	5.44	5.14	0.95	4.40	9.64	5.02	4.97	7.08	0.50	5.11	4.65	4.38	3.16	3.62	7.42	4.73	12.61	6.00	67.30	67.57	---
199	OTTO	F-3	TVA	2300	17	2.58	5.54	3.70	5.36	5.10	6.20	4.20	4.36	1.53	3.64	9.22	4.37	5.68	6.01	2.68	5.46	4.36	3.91	1.60	3.14	5.38	4.00	11.24	4.98	57.27	56.97	2.9
200C	COWEETA NO. 8	F-3	USFS	3880	16	5.53	8.74	7.70	8.86	11.06	10.25	8.23	7.22	2.23	5.96	13.78	6.71	7.62	9.15	1.54	7.50	8.58	6.82	7.44	6.14	6.64	6.77	15.34	9.27	95.69	93.39	---
200	COWEETA NO. 1 (R)	F-3	USFS	2875	17	4.04	6.91	5.35	6.71	7.84	7.62	6.33	5.65	0.81	4.38	12.36	5.21	8.73	6.77	2.07	5.87	5.28	4.67	3.82	4.28	4.57	5.22	12.61	6.42	73.81	69.71	---
201A	HIGHLANDS	F-3	TVA	3800	10	4.44	8.63	6.27	7.34	9.79	9.89	8.02	6.30	2.92	6.27	7.70	7.07	5.72	9.62	1.65	6.52	6.97	7.77	5.27	5.91	7.67	7.00	13.32	7.96	79.74	90.28	13.7
201	HIGHLANDS (NEAR)	F-3	USWB	3350	63	4.19	6.90	5.82	6.70	9.31	8.40	7.28	6.40	2.06	6.00	9.01	7.40	7.47	8.70	4.58	7.50	5.35	6.80	----	6.30	5.58	5.00	12.18	8.80	-----	84.90	9.7
204	CLAYTON	F-4	USWB	2000	57	2.90	6.13	4.34	6.40	7.64	6.90	6.82	5.75	1.53	4.75	8.98	5.29	2.03	6.96	3.57	6.49	5.00	4.95	4.21	4.34	6.27	4.22	10.97	7.10	64.26	69.28	2.0
	FRENCH BROAD RIVER																															
642	SEVIERVILLE	F-3	TVA	900	33	5.72	4.38	5.45	4.11	6.54	4.87	4.46	3.77	1.28	4.33	5.43	4.64	4.84	4.74	1.56	4.14	3.14	3.05	1.27	2.70	5.44	3.05	5.49	4.45	48.62	48.23	---
496	PIGEON FORGE	F-3	TVA	1012	11	#3.15	4.44	#3.49	4.19	8.63	4.98	4.93	3.07	1.52	3.24	5.64	4.60	4.23	5.68	3.51	4.18	3.14	3.10	2.47	2.60	3.40	3.07	4.34	3.70	#48.45	46.85	---
209	GATLINBURG (NEAR)	F-3	USWB	1460	26	3.98	4.32	4.32	4.29	9.76	5.22	5.25	4.13	2.53	4.70	10.97	4.81	4.91	5.69	4.21	5.64	4.69	2.82	1.42	2.95	6.89	2.45	6.66	4.46	65.59	51.48	---
210	MT. LECONTE	F-3	TVA	6350	-	----	----	----	----	----	----	----	----	4.31	5.93	11.98	6.94	6.62	10.63	4.34	8.20	8.96	5.05	----	----	----	----	----	----	-----	-----	---
593	DOUGLAS DAM	F-3	TVA	928	10	2.97	4.60	4.34	5.03	7.06	4.41	4.50	2.88	1.41	3.14	3.89	2.91	3.86	4.49	1.96	3.24	3.25	2.63	1.48	2.32	5.12	3.39	4.37	3.95	44.21	42.99	---
211	DANDRIDGE	F-2	TVA	1040	47	3.40	4.13	4.14	4.07	6.63	4.66	4.33	3.59	1.89	3.83	4.54	3.81	3.60	4.82	0.18	4.07	3.08	2.73	1.95	2.64	4.46	2.68	4.05	4.13	42.25	45.16	---
212	WHITE PINE	F-2	TVA	1165	17	3.70	3.81	4.25	3.90	6.80	4.20	4.30	3.01	2.20	2.91	5.45	3.57	3.80	5.00	1.55	3.77	2.90	2.70	2.20	2.28	4.95	2.83	5.08	3.07	47.18	41.05	---
213	BULLS GAP	F-2	TVA	1060	17	4.60	4.52	4.34	4.24	5.32	4.90	3.87	3.24	1.72	3.12	5.41	3.89	3.32	5.25	1.01	3.86	3.00	2.71	2.88	2.40	5.33	3.30	3.58	3.68	44.38	45.11	---
214	LICK CREEK (R)	G-2	TVA	1210	16	3.34	3.87	3.73	3.48	5.08	3.65	3.43	2.42	4.25	2.87	5.73	2.94	4.24	4.86	2.08	3.28	2.25	2.30	2.32	2.20	4.25	2.46	4.23	2.96	44.93	37.29	---
215	JEAROLDSTOWN	O-2	TVA	1400	17	3.67	4.47	4.01	4.10	5.63	4.60	3.99	3.18	3.23	3.46	6.08	3.88	5.90	5.40	4.10	4.22	2.32	2.70	2.79	2.61	4.83	2.99	4.87	3.47	51.42	45.08	0.7
216	LITTLE CHUCKY	O-2	TVA	1340	17	3.91	4.11	3.00	4.10	4.90	4.46	3.40	3.37	2.13	3.15	7.13	4.18	1.35	5.04	0.35	3.83	4.04	3.08	0.85	2.59	3.48	2.89	4.28	3.06	38.82	43.86	0.5
661	NOLICHUCKY DAM	G-2	TVA	1220	7	2.92	4.88	3.19	3.80	6.12	4.14	3.45	2.44	2.51	4.17	6.11	5.21	4.90	4.87	1.17	3.90	3.08	3.00	1.91	2.42	4.78	3.38	3.94	3.26	44.08	45.47	---
475	GREENEVILLE (NEAR) (R)	O-2	U.T.	1380	11	2.63	3.37	2.88	3.45	5.02	3.97	3.31	2.46	3.03	3.32	7.11	4.14	6.00	4.69	1.33	3.15	2.91	3.36	1.82	2.22	5.17	2.72	3.07	2.92	44.28	39.77	---
217	GREENEVILLE (NEAR)	O-2	USWB	1320	19	2.24	3.52	3.16	3.72	5.20	4.60	3.66	3.58	2.79	4.02	7.30	4.41	5.61	3.98	1.45	4.72	2.72	2.55	3.00	2.46	4.38	2.41	3.03	4.21	44.54	44.18	---
518	TUSCULUM COLLEGE	O-2	PRIVATE	1460	11	3.23	4.02	3.58	4.05	5.91	4.30	4.15	2.58	3.43	3.46	4.74	4.41	5.39	5.48	1.14	3.63	2.84	3.46	4.93	2.82	3.39	2.98	3.68	3.62	46.41	44.81	---
218	CAMP CREEK BALD (R)	G-2	TVA	4560	17	3.71	5.30	4.30	4.97	8.74	5.87	5.19	3.96	3.94	4.58	9.51	5.83	9.25	7.82	#2.07	5.31	5.81	3.98	2.37	3.63	7.27	3.78	5.23	4.57	#67.39	59.60	---
219	LIMESTONE	G-2	TVA	1420	17	2.82	3.84	2.57	3.51	5.06	4.14	3.50	2.99	3.67	3.22	5.15	3.92	3.91	5.62	1.41	3.79	2.90	2.82	2.55	2.26	5.08	2.59	3.19	2.78	41.81	41.48	0.2
220	EMBREEVILLE	G-2	TVA	1590	26	1.84	3.31	3.07	3.66	5.80	4.42	4.42	3.29	2.32	4.20	8.65	4.23	8.45	6.14	0.92	4.06	8.60	3.18	2.73	2.90	5.14	2.60	4.40	3.19	56.34	45.18	0.7
221	ERWIN	G-2	TVA	1750	24	2.35	3.34	3.14	3.78	5.05	4.79	4.13	3.35	1.97	4.38	8.45	4.58	7.94	6.28	0.67	4.33	6.62	3.31	2.24	2.84	5.43	2.66	4.06	3.31	52.05	46.95	4.6
643	LIMESTONE COVE	G-2	TVA	2365	7	1.95	5.10	3.08	3.70	5.29	4.52	5.34	4.14	2.97	4.06	7.48	5.36	5.57	6.10	2.08	4.83	4.06	3.79	1.93	2.78	5.43	4.13	5.38	3.83	50.56	52.34	8.0
659	POPLAR	O-2	TVA	2000	6	2.11	4.13	2.67	3.49	4.84	4.56	4.43	3.43	4.81	4.52	8.10	5.18	6.01	5.84	1.14	4.38	5.13	3.50	1.81	2.80	4.99	3.71	4.85	3.33	50.89	48.87	13.2
223	FLAT TOP MOUNTAIN	O-2	TVA	2880	17	1.97	4.72	3.39	4.44	5.68	5.00	5.34	3.60	3.99	3.87	8.62	5.10	6.60	6.94	1.79	5.15	4.49	3.56	1.69	2.94	5.44	3.46	5.27	3.66	54.27	52.44	23.0
224	BEAUTY SPOT (R)	G-2	TVA	4210	17	2.99	4.29	2.41	3.79	6.95	4.49	5.68	3.49	3.89	3.82	9.00	4.62	4.51	6.44	1.09	4.56	5.27	3.65	2.06	2.86	5.61	3.23	5.79	3.47	55.25	48.71	---
226	CANE RIVER	O-3	TVA	2500	17	2.00	3.90	#2.50	3.80	#4.88	4.49	3.59	3.13	1.38	3.31	4.11	3.56	9.52	4.83	1.25	3.97	#4.20	3.08	1.13	2.62	3.85	2.76	4.32	2.66	#42.73	42.11	9.5
227	MCKINNEY GAP	G-3	TVA	4500	17	3.36	6.32	4.55	5.88	9.07	6.75	7.15	4.68	6.02	4.75	7.12	4.97	6.40	6.96	2.19	4.76	4.99	3.79	2.30	3.34	5.90	4.04	7.09	4.42	66.14	60.66	29.5
228	COXCOMBE MOUNTAIN (R)	G-3	TVA	4250	17	1.54	3.70	1.57	3.59	4.34	4.50	3.70	3.27	2.22	3.83	5.67	4.18	5.89	5.47	1.49	4.65	2.55	3.16	1.58	3.11	4.23	2.69	4.04	3.05	38.82	45.20	---
229	DAYBOOK	G-3	TVA	2350	17	1.75	3.92	#2.06	3.46	4.68	4.28	3.97	3.09	1.62	3.33	5.24	3.73	5.99	5.04	0.91	4.19	2.24	3.40	1.82	2.50	2.52	2.71	3.16	2.65	#35.96	42.30	5.0
231	ROAN HIGH KNOB (R)	G-2	TVA	6100	17	2.94	4.50	2.84	3.94	4.63	4.72	3.99	3.99	2.32	4.65	5.77	5.23	7.20	7.13	1.39	4.95	4.92	4.09	2.20	3.44	5.67	3.58	4.95	3.23	48.82	53.45	---
402	BAKERSVILLE	G-2	TVA	2475	13	2.13	2.95	2.10	3.51	3.70	3.76	2.30	2.97	2.17	3.57	5.31	4.01	5.30	4.91	1.22	4.62	2.96	2.99	1.05	2.46	3.83	2.53	4.85	3.02	36.92	41.30	9.5
232	CELO	G-3	TVA	2820	17	2.62	4.57	2.18	3.83	6.60	5.24	4.50	3.74	1.41	3.72	5.29	3.75	5.93	5.64	0.16	6.05	2.19	4.22	1.78	3.49	4.18	3.35	6.92	3.78	43.76	51.38	11.5
622	CELO (NEAR)	G-3	USWB	2700	9	2.07	4.50	3.39	4.56	#6.78	5.99	4.03	3.84	1.04	4.24	4.82	4.77	4.90	5.00	0.51	4.68	1.89	5.05	1.69	3.45	4.33	3.96	7.67	4.71	#43.12	54.75	6.9
233	MT. MITCHELL	G-3	USWB	6620	27	2.44	4.26	4.31	4.91	9.32	6.71	4.87	6.10	1.31	5.41	8.96	6.69	7.94	7.91	1.28	9.04	3.32	6.64	5.13	5.63	4.57	4.63	8.88	6.56	62.33	74.49	48.1
233A	MT. MITCHELL (R)	G-3	TVA	6620	8	3.26	3.80	5.46	4.97	10.25	5.72	5.61	4.72	1.45	5.04	8.97	6.99	8.15	6.84	1.06	6.95	3.33	8.15	4.10	7.01	5.81	4.86	9.86	5.05	67.31	70.10	---
234	SNOW CREEK	G-3	TVA	2600	17	1.99	3.58	2.48	3.26	4.48	4.27	2.30	3.25	2.09	3.19	7.08	4.04	6.95	5.41	0.90	4.62	2.98	3.44	1.54	2.59	3.50	2.85	#4.95	3.15	#41.24	43.65	15.0
623	SPRUCE PINE	G-3	TVA	2620	9	1.91	3.68	2.91	3.46	6.05	4.85	3.19	3.31	0.30	3.53	4.50	3.78	4.27	4.27	0.63	4.56	2.25	4.80	1.65	3.44	3.63	3.84	6.65	3.34	37.94	46.86	9.6
235	LITTLE SWITZERLAND (R)	G-3	TVA	3550	17	2.11	5.05	3.77	3.70	7.23	5.36	3.93	4.04	0.70	3.97	5.25	4.31	6.41	6.90	2.00	7.22	1.79	4.99	2.34	4.14	4.41	4.43	8.42	4.52	48.36	58.63	---
236	ALTAPASS	G-3	TVA	2600	38	#2.43	3.77	2.08	3.21	7.28	4.78	3.13	3.86	1.73	4.04	2.72	3.72	3.03	6.32	0.49	4.77	1.73	3.92	1.07	3.64	3.96	3.20	6.33	3.98	#35.98	49.21	16.0
237	PLUMTREE	G-2	TVA	2900	17	2.27	4.39	2.43	4.04	5.23	4.43	2.98	3.91	1.74	3.87	5.29	4.14	5.25	5.71	0.75	5.09	3.40	3.69	1.79	3.29	3.79	3.55	5.46	3.48	40.38	49.59	12.3
238	SMOKY GAP	H-2	TVA	3650	17	2.31	3.95	2.85	3.59	4.10	4.12	2.68	3.52	3.28	4.32	5.03	4.77	5.22	5.65	3.32	5.35	2.40	3.50	1.32	2.88	3.41	3.57	3.30	2.93	39.22	48.15	23.8
378	CROSSNORE	H-2	USWB	3430	38	2.58	3.85	2.90	4.03	6.20	5.28	3.51	4.29	1.05	4.68	5.42	5.72	4.38	7.00	3.67	5.75	2.23	4.74	2.08	4.95	3.05	3.37	6.10	5.14	43.17	58.80	23.9
241	NEWPORT	F-3	USWB	1080	61	2.61	3.68	3.10	3.91	7.27	4.84	3.87	3.66	2.55	4.25	6.50	4.30	3.68	4.48	0.87	3.94	2.71	2.78	1.43	2.47	4.93	2.47	4.26	4.03	43.78	44.81	0.9
241A	NEWPORT	F-3	TVA	1050	9	2.72	4.06	3.06	4.66	6.98	4.49	3.94	2.95	2.72	3.32	5.86	3.99	3.27	4.79	1.15	3.33	2.99	3.14	1.32	2.30	5.00	3.12	4.20	3.51	43.21	43.66	0.5
538	COSBY NO. 4	F-3	USDI	1720	11	3.00	4.88	4.22	4.45	8.78	5.75	5.81	3.75	2.35	4.24	11.74	5.14	4.16	6.89	3.52	4.51	4.35	2.92	1.86	3.03	7.35	3.68	4.99	4.59	62.13	53.83	---
243	HARTFORD	F-3	TVA	1260	17	2.44	4.07	3.52	4.03	6.11	4.63	4.85	3.53	1.79	3.88	7.20	4.82	8.48	6.51	3.28	4.91	3.00	2.62	1.43	2.50	5.18	2.80	4.10	3.61	51.38	47.91	3.4
244	WATERVILLE POWERHOUSE	F-3	USWB	1410	21	2.43	3.47	3.19	3.68	6.12	4.35	6.55	4.27	1.88	4.48	9.48	5.54	3.36	5.29	0.95	5.00	3.86	3.92	2.07	3.09	4.03	2.13	5.17	3.86	49.09	49.08	0.5
245	MT. STERLING	F-3	TVA	2950	17	2.81	4.92	3.11	4.52	6.77	5.34	6.68	3.51	2.60	4.08	10.68	4.64	5.14	7.06	2.29	5.08	4.69	3.26	1.60	2.72	6.48	3.40	7.39	3.74	60.24	52.27	22.1
656	CATALOOCHEE	F-3	USDI	2620	7	2.56	5.95	2.26	3.88	6.52	5.46	3.83	3.41	2.24	3.42	7.95	4.56	8.19	6.42	2.41	4.69	5.07	3.24	1.38	2.66	5.76	4.45	7.96	4.53	56.13	52.67	11.0
407	CATALOOCHEE RANCH	F-3	TVA	4800	13	4.66	6.60	----	----	8.46	7.10	6.81	4.16	2.74	4.45	#7.73	5.21	12.01	8.01	3.40	5.17	7.86	3.76	2.06	3.43	5.34	4.42	----	----	-----	-----	---
247	WAYNESVILLE	G-3	USWB	2675	58	2.30	3.75	2.41	4.04	4.85	5.05	5.26	3.68	1.30	3.98	6.60	4.12	5.37	4.60	1.95	4.21	3.32	3.00	1.02	3.04	4.02	2.25	7.04	4.61	45.44	46.33	6.6
248	EAGLENEST MOUNTAIN	F-3	TVA	3360	17	3.02	6.65	3.44	6.11	6.84	6.71	5.30	4.24	1.15	3.73	6.92	4.38	10.28	6.53	1.72	4.40	3.77	3.31	1.00	2.88	5.21	4.04	10.03	5.00	58.68	57.98	9.4
250	CHAMBERS MOUNTAIN (R)	G-3	TVA	4300	17	1.30	3.18	1.26	2.77	4.29	3.70	2.43	2.60	1.50	2.30	4.92	3.07	6.04	5.74	1.75	4.35	5.37	2.60	0.93	2.49	3.76	2.37	5.10	2.49	38.65	37.66	---
251	CANTON	G-3	CPLCO	2600	21	1.64	2.75	1.76	3.27	4.68	4.00	3.56	3.62	1.03	3.44	6.34	3.55	4.78	3.92	2.12	4.18	2.62	3.39	1.04	2.76	3.61	1.80	5.49	3.36	38.67	40.04	---
253	DIX CREEK	G-3	TVA	3030	17	1.80	5.07	1.51	4.32	4.25	5.45	3.57	3.73	1.68	3.38	7.73	4.36	3.92	5.40	1.44	5.21	4.20	3.91	1.42	3.02	4.80	3.76	7.14	3.90	43.46	51.51	10.0

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1951 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs.of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	FRENCH BROAD RIVER (CONT'D)																															
254	MT. PISGAH (R)	G-3	TVA	5300	17	2.13	5.01	2.87	4.17	7.91	5.52	3.68	4.37	1.31	4.34	6.91	5.20	4.12	7.06	3.23	7.20	2.89	5.44	4.25	5.15	4.74	4.36	7.52	4.89	51.56	62.71	---
629	BIG EAST FORK PIGEON	G-3	TVA	3410	9	3.95	6.85	5.76	6.73	10.50	9.13	6.27	6.19	1.25	5.52	9.08	6.64	9.79	7.84	3.58	5.26	4.69	7.96	4.68	6.01	6.59	7.30	13.33	6.51	79.47	81.94	14.3
255	WOLF CREEK	G-3	TVA	1200	17	1.81	3.61	3.04	3.63	5.86	4.41	4.81	2.90	3.58	3.51	7.60	4.10	3.27	5.99	2.26	3.99	2.83	3.24	1.17	2.37	4.97	2.50	3.96	2.84	45.16	43.09	1.3
256	HOT SPRINGS	G-3	USWB	1335	46	1.67	3.00	2.84	2.80	6.23	4.50	5.33	3.70	2.59	3.60	7.05	4.20	4.18	5.10	3.05	5.10	4.69	2.90	1.13	2.80	5.06	1.90	3.46	4.50	47.28	44.10	0.7
256A	HOT SPRINGS AIRWAYS	G-3	USWB	1400	11	1.74	3.00	2.88	2.80	6.29	4.50	5.51	3.70	2.04	3.60	7.42	4.20	4.32	5.10	2.92	5.10	4.79	2.90	1.30	2.80	4.87	1.90	3.41	4.50	47.49	44.10	2.2
257	MAX PATCH MOUNTAIN (R)	G-3	TVA	4285	17	2.92	4.27	3.56	4.50	7.02	5.04	7.65	4.42	4.23	4.27	10.13	5.45	5.23	7.01	3.22	5.93	4.62	3.74	2.07	3.14	6.01	3.20	4.61	3.27	61.27	54.24	---
261	DOGGETT GAP	G-3	TVA	3800	17	1.84	4.23	2.42	3.81	5.89	4.93	4.37	3.50	1.60	3.41	6.53	4.64	3.51	6.43	3.92	5.80	5.27	3.30	1.48	3.00	4.04	3.05	5.84	3.28	46.71	49.38	20.8
259	CODY STORE	G-3	TVA	2450	17	2.19	3.87	2.41	3.53	5.57	4.51	4.88	3.31	2.34	3.63	8.46	4.68	6.96	6.02	0.20	4.42	4.54	3.16	1.75	2.51	4.25	2.68	3.36	2.92	46.91	45.24	---
672	SAMS GAP	G-3	TVA	3650	4	2.44		2.22		6.25		6.50		3.76		9.25		7.85		0.97		6.50		1.94		4.96		4.17		56.81		24.8
262	MARSHALL	G-3	USWB	1950	53	1.32	2.56	1.90	2.71	5.37	3.94	4.99	3.44	2.09	3.11	5.96	4.25	5.67	4.32	1.12	4.29	3.69	3.03	1.10	2.63	3.57	1.90	4.85	3.11	41.63	39.29	6.6
263	IVY	G-3	TVA	2140	17	1.42	3.49	1.76	3.31	4.14	4.08	3.00	2.94	1.26	3.27	5.79	4.25	4.93	4.32	1.33	3.92	2.99	2.52	1.34	2.26	3.68	2.41	3.96	2.49	35.60	39.26	3.5
264	BARNARDSVILLE	G-3	TVA	2250	17	1.04	3.45	2.09	3.35	4.96	4.14	2.57	2.82	0.89	2.99	5.79	4.56	5.04	5.03	0.68	4.23	3.69	2.67	1.11	2.58	3.50	2.64	3.49	2.57	34.85	41.03	7.7
666	WEAVERVILLE	G-3	TVA	2160	6	0.98		1.61		4.95		2.85		1.75		7.11		5.27		1.02		2.52		1.18		3.39		4.36		36.99		2.0
677	BEECH	0-3	USWB	2960	4	----		----		----		----		----		9.33		----		----		2.52		----		----		----		-----		---
265	LEICESTER	G-3	TVA	2100	17	1.72	3.22	1.23	2.89	5.01	3.85	2.29	2.94	0.97	2.93	6.52	4.08	8.95	5.29	#1.26	4.63	2.19	2.51	0.71	2.33	3.85	2.53	4.56	2.65	#39.26	39.85	4.8
267	ASHEVILLE (R)	G-3	USWB	2274	76	1.07	3.10	1.80	3.15	5.22	3.97	2.62	3.02	0.59	3.43	7.03	3.93	2.75	4.30	1.50	4.16	3.55	3.04	1.09	2.75	3.20	2.23	4.79	3.20	35.21	40.28	4.6
268A	BEETREE DAM	G-3	TVA	2540	4	1.26		1.99		5.79		2.87		1.25		6.86		3.43		1.33		3.11		1.34		3.20		5.25		37.68		5.2
268	BEETREE DAM (R)	G-3	TVA	2540	27	1.07	3.15	2.02	3.15	5.05	4.19	2.41	3.15	1.00	3.25	5.72	3.64	2.58	4.97	0.82	5.32	2.47	3.71	1.07	3.15	2.67	2.60	5.00	3.50	31.88	43.78	---
269	BEETREE GAP (R)	G-3	TVA	5190	17	DISCONTINUED JANUARY 1, 1951																								-----		---
269A	CRAGGY KNOB (R)	G-3	TVA	4970	-	1.89		2.64		6.79		3.98		1.97		8.33		4.59		1.89		3.45		2.23		3.65		5.82		47.23		---
270	SWANNANOA (NEAR)	G-3	USWB	2250	21	1.95	3.55	1.25	3.16	3.57	4.20	#2.57	3.00	0.92	2.87	----	----	1.24	4.90	0.24	5.32	----	----	0.88	3.36	2.82	2.56	3.35	3.49	-----	-----	---
271A	NORTH FORK NO. 2	G-3	USWB	2520	9	1.57	4.16	2.15	3.82	6.08	5.42	3.32	3.37	1.29	4.13	7.90	4.90	----	----	2.10	5.17	----	----	1.41	3.47	----	----	5.48	3.73	-----	-----	---
271	NORTH FORK (R)	G-3	TVA	2765	26	1.99	4.28	3.33	4.34	7.00	5.41	3.59	4.21	1.48	4.14	8.22	4.80	4.14	6.35	3.15	6.58	2.92	4.74	1.80	4.27	3.62	3.68	6.18	4.53	47.42	57.33	---
700	BLACK MOUNTAIN	G-3	USWB	2400	2	1.74		2.41		6.06		3.02		1.22		5.62		4.30		1.91		2.57		1.72		3.89		6.31		40.77		7.0
273	POINT LOOKOUT	G-3	USWB	2320	17	1.83	3.95	2.84	3.95	7.22	5.23	3.00	3.90	0.73	4.44	4.47	4.47	4.56	7.62	1.72	5.70	1.60	5.90	2.07	4.63	2.87	4.02	6.64	4.27	39.55	58.08	---
274	ENKA	G-3	USWB	2075	21	1.48	3.28	2.02	2.96	5.57	3.45	2.77	3.04	0.80	2.77	6.60	3.41	5.16	4.92	1.63	3.83	3.58	2.49	0.77	2.48	4.29	1.99	5.29	2.98	39.96	37.60	4.0
266	ROCKYFACE MOUNTAIN	G-3	TVA	3000	17	0.94	3.44	1.51	3.17	4.67	4.10	#3.67	2.95	1.84	2.91	6.41	3.85	5.48	4.81	2.57	4.67	2.67	3.13	1.20	2.51	4.05	2.52	5.29	2.81	#40.30	40.87	10.0
275	BENT CREEK	G-3	USFS	2100	18	1.87	3.91	2.45	3.28	6.41	4.44	3.39	3.28	1.00	2.92	5.80	4.04	2.65	5.48	1.26	4.39	3.57	2.84	1.56	2.98	4.13	2.88	7.00	3.38	41.09	43.82	---
276	ASHEVILLE AND HENDERSONVILLE AP	G-3	USWB	2094	17	1.21	4.21	2.11	3.62	5.37	4.82	3.44	3.32	0.51	3.49	6.17	3.71	4.64	6.28	1.84	4.93	3.54	3.20	2.05	3.15	2.97	3.03	6.51	3.58	40.36	47.34	5.5
277	GARREN CREEK	G-3	TVA	2600	16	1.45	4.85	2.84	4.16	8.00	5.66	4.80	4.19	1.08	3.88	5.98	5.77	2.04	6.74	1.75	7.23	3.48	5.28	1.94	4.84	4.81	4.17	7.09	4.61	45.26	61.38	10.5
714	EDNEYVILLE (R)	G-3	TVA	2240	-					ESTABLISHED JUNE 6, 1951						----		3.96		1.75		3.01		1.03		4.74		5.82		-----		---
278	BLUE RIDGE POST OFFICE (R)	G-3	TVA	2270	17	1.38	4.67	3.37	4.12	6.47	5.17	3.82	3.70	0.63	4.05	7.17	4.63	5.76	7.12	3.67	5.78	3.28	4.98	1.41	4.05	5.17	3.79	7.88	4.38	50.01	56.44	---
279	HENDERSONVILLE	0-3	USWB	2153	55	1.34	4.55	2.82	4.60	#6.37	5.31	4.43	4.23	1.44	4.86	11.15	5.54	1.84	6.07	2.89	6.08	2.99	4.75	#2.27	4.52	4.75	3.03	7.80	5.88	#50.09	59.42	6.5
279A	HENDERSONVILLE	G-3	TVA	2195	4	1.29		3.21		6.33		4.11		1.94		12.15		1.74		3.92		3.05		1.91		5.71		7.77		53.13		7.2
280	RUSH MOUNTAIN	G-3	TVA	2900	17	2.25	6.58	4.90	5.45	8.47	6.96	5.65	5.17	0.65	4.45	8.32	4.92	4.13	7.75	2.71	8.27	3.95	5.03	3.67	5.37	7.20	5.55	10.67	6.48	62.57	71.98	8.0
282	PINK BEDS (R)	G-3	TVA	3300	16	3.14	6.50	5.28	5.95	9.01	7.12	5.44	5.54	0.96	4.70	8.08	5.62	6.94	6.66	3.90	7.18	3.61	5.40	4.06	5.19	6.49	5.24	11.49	6.98	68.40	72.08	---
281	MILLS RIVER (R)	G-3	NC.	2090	17	1.34	5.04	2.54	4.20	5.19	4.83	3.72	3.65	1.13	4.00	5.70	4.35	3.05	6.77	1.51	5.44	3.16	3.90	1.57	3.56	4.74	3.57	6.84	4.15	40.49	53.46	---
283	CEDAR MOUNTAIN (R)	G-3	TVA	2750	16	2.83	7.14	5.16	6.22	9.91	7.69	4.68	5.63	1.36	5.20	7.58	6.37	8.43	8.67	3.51	9.00	3.99	5.62	3.55	5.57	7.03	6.23	13.22	7.22	71.25	80.56	---
284	CAESERS HEAD	G-3	USWB	3115	27	1.94	6.77	3.59	5.45	9.08	6.57	4.84	5.11	1.58	4.95	8.19	5.25	3.31	7.15	2.91	8.12	4.68	5.69	3.22	5.51	7.54	5.57	12.23	7.16	63.11	73.30	3.2
476	PISGAH FOREST	G-3	USWB	2150	12	2.24	5.12	4.27	4.70	7.23	6.87	4.98	4.10	2.53	4.86	7.39	5.42	3.33	7.01	5.00	6.89	4.21	4.66	1.71	3.67	6.29	4.81	6.68	5.55	55.86	63.66	---
662	GLOUCESTER GAP (R)	G-3	TVA	3050	6	3.30	7.08	4.88	5.09	9.78	8.08	5.44	4.83	2.90	5.17	7.93	7.41	6.93	8.85	5.75	7.54	5.42	6.86	3.26	6.48	6.58	6.93	10.60	6.92	72.77	81.24	---
285	BREVARD	G-3	USWB	2250	49	2.68	4.50	4.28	4.40	7.86	5.10	5.01	4.40	2.28	5.20	9.05	5.80	1.48	6.80	4.82	6.60	----	4.90	----	4.90	----	3.20	----	5.80	-----	61.60	---
286	ROSMAN NO. 2	G-3	TVA	2200	17	3.11	7.09	5.05	6.18	8.73	7.17	6.20	5.51	1.26	5.01	8.89	5.47	5.09	8.91	2.86	7.87	5.66	5.19	2.66	4.94	6.79	5.61	12.78	6.67	69.08	75.62	8.0
640	SASSAFRAS MOUNTAIN	G-3	TVA	3500	10	#2.38	6.45	#4.00	5.87	9.69	8.54	5.38	5.07	0.68	5.29	8.35	6.30	4.27	9.54	----	----	3.31	6.88	2.21	5.77	6.56	6.98	10.78	7.09	-----	-----	6.7
663	QUEBEC (R)	G-3	TVA	2600	6	3.08	7.81	5.46	5.57	9.72	8.83	6.52	5.23	2.77	5.18	7.56	6.68	3.33	8.42	1.19	6.20	5.24	6.46	3.29	6.02	8.64	7.48	12.09	7.67	68.89	81.55	---
	UNCLASSIFIED STATIONS																															
412	JACKSON SUBSTA.	A-3	TVA	359	13	9.89	6.44	5.64	4.96	4.57	5.54	6.20	4.77	0.52	4.04	5.29	4.99	5.73	4.05	2.97	4.26	5.14	3.52	1.71	2.75	9.88	5.61	9.08	5.04	66.62	55.97	---
413	MARTIN SUBSTA.	A-2	TVA	385	13	9.36	5.39	5.74	4.88	3.97	5.59	4.37	4.28	1.37	3.94	8.87	4.58	4.98	4.27	1.31	3.38	5.31	3.18	1.98	3.16	8.18	4.82	8.77	4.31	64.21	51.78	8.8
414	MEMPHIS SUBSTA.	-	TVA	295	13	10.54	6.29	3.54	4.66	3.69	5.31	3.07	4.29	1.48	3.64	5.42	4.04	5.65	3.05	1.77	2.58	2.99	2.59	2.01	3.25	4.27	4.72	6.33	4.59	50.76	49.01	7.2
415	TUPELO SUBSTA.	A-4	TVA	256	13	8.18	6.12	7.01	5.88	10.55	7.53	4.36	3.76	2.17	3.11	2.84	3.99	4.49	4.28	0.85	2.68	2.16	3.54	1.13	1.70	5.49	5.06	9.77	4.81	59.00	52.46	---
454	CARTHAGE SUBSTA.	D-2	TVA	500	12	7.33	5.75	5.83	4.93	5.68	5.20	5.87	3.66	1.65	4.20	6.33	4.60	3.55	4.32	1.62	3.93	4.71	2.87	3.49	2.37	7.76	4.96	11.86	4.73	65.68	51.52	12.0
455	LEBANON SUBSTA.	C-2	TVA	530	38	7.00	5.06	5.55	4.12	5.38	5.49	4.76	4.28	1.92	4.57	8.45	4.45	3.06	4.24	2.78	4.27	2.40	2.87	4.02	3.22	----	----	#10.89	4.77	-----	-----	---
469	SOUTH NASHVILLE SUBSTA.	C-2	TVA	425	12	7.67	6.22	5.34	4.65	4.71	5.30	4.84	3.44	0.82	3.72	6.54	3.29	3.57	3.98	1.13	3.20	3.24	3.13	1.92	2.04	7.57	4.35	9.91	4.61	57.26	47.93	13.3
639	BOWLING GREEN SUBSTA.	C-1	TVA	470	8	8.44	6.43	5.27	5.54	4.55	4.90	3.10	3.50	0.36	3.74	4.49	3.71	5.47	4.49	2.06	3.31	5.28	3.97	0.84	1.89	6.16	4.28	10.46	4.73	56.48	50.49	13.2
683	RUSSELLVILLE SUBSTA.	C-2	TVA	576	4	10.20		3.87		5.56		2.64		0.73		6.20		4.83		2.65		5.40		1.94		8.15		10.64		62.81		---
684	SUMMER SHADE SUBSTA.	D-2	TVA	-	4	10.01		2.37		7.70		5.26		2.47		5.24		5.60		3.35		6.48		2.16		10.94		8.86		70.44		---
697	BYRDSTOWN	D-2	TVA	980	2	6.44		6.86		6.37		4.14		1.25		6.06		DISCONTINUED JUNE 30, 1951												-----		---
698	JAMESTOWN	E-2	TVA	1700	2	6.16		5.37		6.12		4.46		#1.93		4.83		3.17		1.73		4.86		3.57		8.39	DISC. NOV. 30, 1951			-----		---
706	COOKEVILLE	D-2	TVA	1100	34	6.54	5.34	7.47	4.56	5.68	5.59	5.89	4.39	1.54	4.22	4.31	4.42	2.23	4.63	1.55	4.62	5.28	3.14	3.21	3.26	8.23	4.12	DISC.NOV. 30,'51		-----		---

(#) Interpolated or partly interpolated. (R) Recorder at present.

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PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1952

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PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1952

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PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1952

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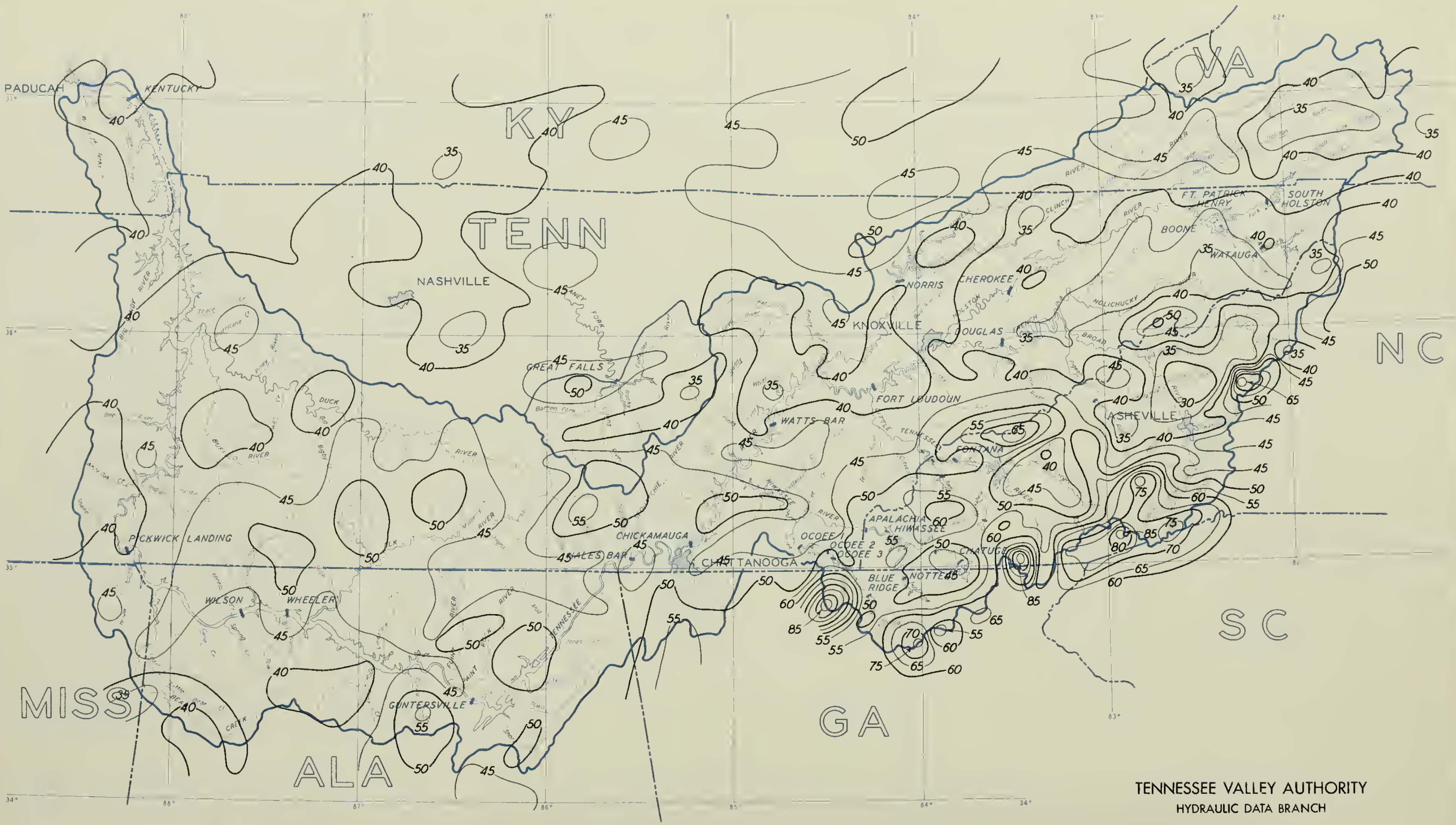


TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
PRECIPITATION—YEAR 1952

SCALE 0 10 20 30 40 50 MILES

SYMBOLS:

—40—	Rainfall in Inches
—·—·—	State Lines
▬	Dams
⊏⊐	Dams Under Construction

PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1952

Precipitation over the Tennessee River Basin during 1952 was the lowest since 1943 and the seventh lowest in 63 years of record. The year was the first since 1947 that precipitation has been below normal. The average of 44.06 inches for the whole Basin was 7.32 inches below the 60-year mean of 51.38 inches. In the area above Hales Bar, the 1952 average of 44.01 inches was 6.91 inches under the long-term mean of 50.92 inches. The average of 44.08 inches in the area below Hales Bar was 7.81 inches under the 51.89-inch mean. In the upper half of the Basin, where the storage reservoirs are located, 1952 was the second driest year since the Tennessee Valley Authority began operations in the Valley.

Monthly precipitation over the Valley was below the 60-year mean in eight months. Only January, March, August, and November exceeded the normal. The wettest month was March with an average of 7.09 inches, and the driest was October with 1.41 inches.

The maximum precipitation total for the year was 87.71 inches at Coweeta No. 8, North Carolina, located on the Blue Ridge in the headwaters of the Little Tennessee River. Flat Top, Georgia, in the Ocoee River headwaters, recorded 87.63 inches. Lake Toxaway, North Carolina, a new station established by the U. S. Weather Bureau just south of the French Broad River headwaters, reported 85.16 inches. No other published stations recorded more than 80 inches. Ten stations registered between 70 and 80 inches.

Flat Top and Coweeta No. 8 are among the seven published stations in the Valley with ten years or more of record that have averaged greater than 80 inches of precipitation annually. Data for the seven stations follow:

Station	Period of Record years	Annual Average for Period inches	Maximum for Period inches	Year of Maximum
Coweeta No. 8, N. C.	17	93.08	126.09	1949
Highlands, N. C.	11	89.02	114.44	1949
Highlands (near), N. C.	64	80.70	111.20	1915
Clingmans Dome, N. C.	17	84.40	101.59	1949
Flat Top, Georgia	18	82.55	104.03	1949
Big East Fork Pigeon, N. C.	10	81.18	103.13	1949
Cedar Mountain, N. C.	17	80.32	111.21	1949

The minimum precipitation total in the Valley was 28.12 inches at Ivy, North Carolina, in the French Broad River basin below Asheville. In this same area Marshall recorded 29.30 inches, Barnardsville 29.15 inches, and Weaverville 28.79 inches. All four gages are within 15 miles of Asheville. Thirty-three other stations, nearly all located in the French Broad and Holston River watersheds, reported less than 35 inches of precipitation for the year.

The maximum precipitation for one month was 19.75 inches which fell at Coweeta No. 8 in March. Seventeen other stations, all situated along the Blue Ridge in North Carolina and Georgia, recorded more than 15 inches of rainfall in the same month. The highest floods of the year occurred on the upper French Broad, Hiwassee, and Little Tennessee Rivers during March. The crest stage on the Toccoa River at Dial, Georgia, on March 11 was the highest since records at the station began in 1913.

Exceptionally low rainfall occurred during the growing season of 1952. The period April through October 1952, with only 20.21 inches of rainfall over the Valley, was the driest of any like seven months in the past 63 years. The period April through July, a critical one for farmers, was also the driest of record. In June, five stations in the western part of the Valley had no rainfall for the month. In July the rainfall over the Valley was as low as the previous record for the month, and in the western half of the Basin the July rainfall set a new record low for the month. Drought conditions prevailed over a very large part of the Valley. Late in July the six-state area of Alabama, Georgia, Kentucky, Mississippi, South Carolina, and Tennessee was declared a disaster area by the federal government. In October the lack of rainfall during the summer and fall culminated in damaging forest fires in Tennessee and particularly on the Cumberland Plateau. Tennessee state foresters called the fires the worst in the history of the state.

The greatest precipitation recorded in 24 hours during 1952 was 7.54 inches at Suches, Georgia, in the Ocoee River headwaters on March 10. This rain occurred during a 12- to 15-hour storm that was heaviest along the southeastern edge of the Tennessee Valley.

Among the watershed subdivisions, the maximum precipitation for 1952 was 70.0 inches over the French Broad River area above Blantyre, North Carolina. The Toccoa River area above Blue Ridge Dam, Georgia, averaged 60.2 inches. Precipitation on thirteen other watershed areas ranged between 50 and 60 inches. The minimum subdivision average precipitation was 35.5 inches on the Nolichucky River area between Embreeville and Morristown, Tennessee. Seven other watersheds averaged less than 40 inches of precipitation for the year. Precipitation on all watershed subdivisions is shown on the map on page 7, and both precipitation and runoff for 17 selected watersheds are tabulated on page 6.

The distribution of 1952 precipitation over the Basin is shown on the frontispiece. The widest variations in annual totals occurred in the southeastern part of the Basin where orographic and shielding effects are most pronounced. The steepest precipitation gradient in 1952 was 34.97 inches in 8 miles between Coweeta No. 8 and Otto, North Carolina. The difference in mean annual precipitation at the two stations is 36.3 inches. The elevation drop is 1580 feet from Coweeta No. 8 to Otto.

Snowfall was reported in the Valley on January, February, March, April, May, November, and December. The snow was confined almost entirely to the eastern half of the Basin where 247 reporting stations averaged 8.7 inches for the year. The average in the western half of the Basin was only 0.3 inch for 135 stations reporting. The mean for the whole Valley was 4.8

inches. The maximum snow depth of 54.3 inches for 1952 occurred at Mt. Mitchell, North Carolina. Four other stations, Parker and Smoky Gap, North Carolina, Crandull and Trade, Tennessee, reported totals of 30 to 41 inches.

An unusually heavy and damaging snowfall occurred over a portion of the Valley east of Chattanooga on November 21-22, 1952. At Knoxville the total fall of 18.2 inches was the greatest 24-hour snowfall in 68 years of record. Jefferson City, 25 miles northeast of Knoxville, recorded 24 inches. Much damage resulted to telephone and power lines in the area from the wet, clinging snow.

Monthly Reports

Monthly issues of the bulletin "Precipitation in Tennessee River Basin" published in 1952 contain tabulations of daily precipitation at stations in and near the Valley, together with isohyetal maps of monthly precipitation, maps showing monthly mean precipitation on watershed subdivisions, discussions of weather conditions and storms, tabulations of rainfall and runoff on selected watersheds, intense rainfall data, and other information.

Special Reports

Reports on twelve special investigations of storms and other phenomena were contained in monthly issues of this publication during 1952. A list of these reports and the date of the issue in which they appear follows:

SPECIAL INVESTIGATIONS DURING 1952

Subject	Monthly Bulletin Containing Report
Tornado of February 13, 1952, in Middle Tennessee	March
Tornado of February 29, 1952, at Fayetteville, Tennessee	March
Tornado of February 29, 1952, at Sanford, Tennessee	March
Tornadoes of March 21 and 22, 1952, in West Tennessee, North Mississippi, and North Alabama	March
Floods of March 10-12, 1952, in Upper French Broad, Hiwassee, and Little Tennessee Watersheds	March
Floods of March 10-11, 1952, on Black and Richland Creeks	March

SPECIAL INVESTIGATIONS DURING 1952 (Continued)

Subject	Monthly Bulletin Containing Report
Intense Rainstorm of June 5, 1952, near Dillard, Georgia	June
Intense Rainstorm of June 13, 1952, near McMinnville, Tennessee	June
Record Low Rainfall and Drought Conditions, April-July	July
Intense Rainstorm of June 13, 1952, near Hiwassee Dam, North Carolina	July
Forest Fires of October 1952	October
Heavy Snowfall of November 21-22, 1952	November

TENNESSEE RIVER BASIN PRECIPITATION DURING 1952

Precipitation in Inches

Month	Above Hales Bar 1952	Below Hales Bar 1952	Tennessee River Basin			
			1952	Mean	Deviation from Mean	
					Monthly	Cumulative
January	5.56	6.43	5.97	4.75	+1.22	+1.22
February	2.48	3.50	2.96	4.69	-1.73	-0.51
March	6.99	7.20	7.09	5.53	+1.56	+1.05
April	2.73	2.61	2.67	4.43	-1.76	-0.71
May	3.56	3.15	3.37	4.14	-0.77	-1.48
June	2.88	1.42	2.20	4.29	-2.09	-3.57
July	2.82	1.97	2.42	4.98	-2.56	-6.13
August	5.32	5.46	5.39	4.33	+1.06	-5.07
September	2.61	2.90	2.75	3.15	-0.40	-5.47
October	0.81	2.09	1.41	2.93	-1.52	-6.99
November	4.29	3.45	3.90	3.43	+0.47	-6.52
December	3.96	3.90	3.93	4.73	-0.80	-7.32
Total	44.01	44.08	44.06	51.38		

Mean precipitation figures are for the period 1890-1949.

ANNUAL STREAM FLOW IN INCHES - 1952

Tennessee River at	Water Year 1952	Water Year Mean	Calendar Year 1952	Calendar Year Mean
Knoxville	17.89	19.62	15.61	19.60
Chattanooga	21.92	23.83	18.29	23.82

MAXIMUM PRECIPITATION

FOR VARIOUS TIME INTERVALS DURING 1952

Sta. No.	Station Name	Date of Record	Duration hours	Precipitation inches
190	Haywood Gap, N. C. (R)	June 30	0.1	1.04
231	Roan High Knob, Tenn. (R)	June 21	0.2	1.14
265	Leicester, N. C.	August 1	0.3	1.90
29	Cuba Landing, Tenn. (R)	August 14	0.5	2.34
575	Farner, Tenn. (R)	June 12	1.0	3.83
575	Farner, Tenn. (R)	June 12-13	2.0	4.05
575	Farner, Tenn. (R)	June 12-13	3.0	4.85
575	Farner, Tenn. (R)	June 12-13	4.0	5.70
575	Farner, Tenn. (R)	June 12-13	7.0	6.40
413	Martin Substa., Tenn.	Mar. 21-22	10	7.80
413	Martin Substa., Tenn.	Mar. 21-22	24	7.90
413	Martin Substa., Tenn.	Mar. 21-23	48	8.04
575	Farner, Tenn. (R)	June 10-16	168	9.56
200C	Coweeta No. 8, N. C.	March	744	19.75
200C	Coweeta No. 8, N. C.	Feb.-Mar.	1440	26.89
200C	Coweeta No. 8, N. C.	Jan.-Mar.	2184	37.09
723	Lake Toxaway, N. C.	Mar.-Aug.	4416	54.13
200C	Coweeta No. 8, N. C.	Year 1952	8784	87.71

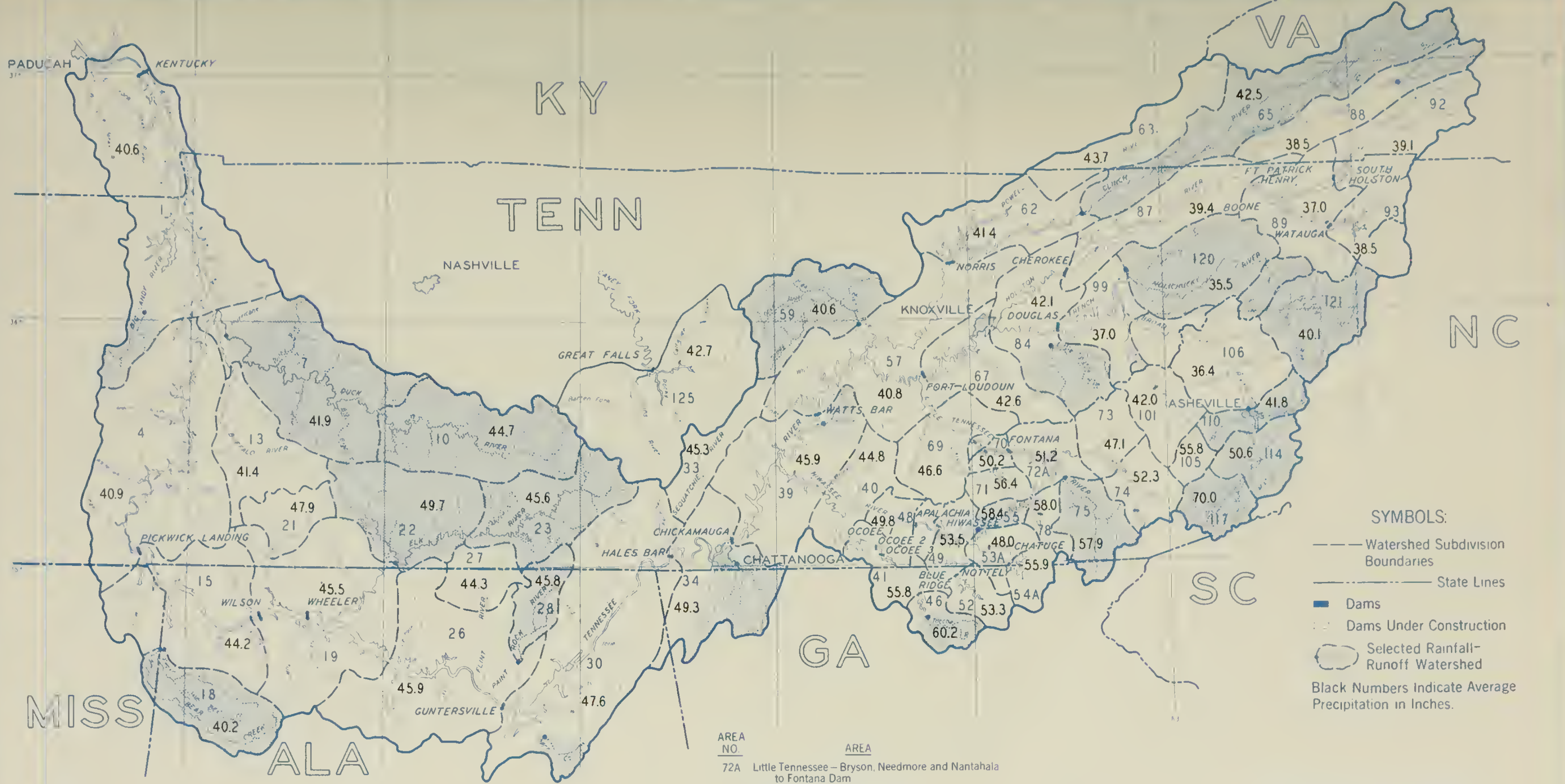
(R) Recorder.

RAINFALL AND RUNOFF FOR SELECTED WATERSHEDS

For the Period January 1, 1952 to December 31, 1952

Stream	Station	Drainage Area sq. mi.	January 1 - December 31, 1952 Rainfall inches	Departure inches	Runoff inches	Departure inches	Runoff in Percent of Rainfall	Rainfall Minus Runoff inches
Big Sandy River	Bruceton	205	42.8	-12.7	17.8	-0.4	41.6	25.0
Duck River	Hurricane Mills	2571	43.0	- 9.2	17.8	-1.0	41.4	25.2
Bear Creek	Bishop	667	40.2	-15.1	14.8	-5.2	36.8	25.4
Elk River	Prospect	1784	47.8	- 6.9	18.4	-3.4	38.5	29.4
Paint Rock River	Woodville	320	45.8	-10.7	19.7	-6.0	43.0	26.1
Short Creek	Albertville	92	49.5	- 6.0	17.3	-13.1	34.9	32.2
South Chickamauga Creek	Chickamauga	428	50.2	- 4.8	18.6	-2.7	37.0	31.6
Toccoa River	Dial	177	63.6	- 2.9	37.8	+3.4	59.4	25.8
Valley River	Tomotla	104	58.4	- 7.4	27.5	-2.6	47.1	30.9
Sewee Creek	Decatur	117	44.0	-11.0	15.8	-7.2	35.9	28.2
Emory River	Oakdale	764	40.6	-13.0	16.5	-7.4	40.6	24.1
Clinch River	Tazewell	1474	42.5	- 2.7	17.2	-2.5	40.5	25.3
Little Tennessee River	Needmore	436	57.9	- 2.7	28.6	-2.3	49.4	29.3
North Fork Holston River	Saltville	222	36.9	- 3.6	13.2	-4.8	35.8	23.7
Little Pigeon River	Sevierville	353	46.9	- 7.1	15.9	-5.1	33.9	31.0
Nolichucky River	Morristown	1679	37.7	- 8.5	12.4	-5.6	32.9	25.3
French Broad River	Asheville	945	54.2	- 3.4	26.2	-0.7	48.3	28.0

Locations of watersheds are shown on the map "Average Precipitation on Watershed Subdivisions."
Runoff data are furnished by the U. S. Geological Survey and are tentative.



AREA NO	AREA
1	Tennessee – Johnsonville to Mouth
4	Tennessee – Pickwick to Johnsonville
7	Duck – Columbia to Mouth
10	Duck – Above Columbia
13	Buffalo – Above Lobelville
15	Tennessee – Florence to Pickwick
18	Bear Creek – Above Bishop
19	Tennessee – Decatur to Florence
21	Shoal Creek – Above Iron City
22	Elk – Fayetteville to Prospect
23	Elk – Above Fayetteville
26	Tennessee – Guntersville to Decatur
27	Flint – Above Chase
28	Paint Rock – Above Woodville
30	Tennessee – Hales Bar to Guntersville
33	Sequatchie – Above Whitwell
34	Tennessee – Chickamauga to Hales Bar
39	Tennessee – Watts Bar to Chickamauga
40	Hiwassee – Reliance and Ocoee No. 1 to Charleston

AREA NO	AREA
41	Ocoee – Blue Ridge to Ocoee No. 1
46	Toccoa – Above Blue Ridge
48	Hiwassee – Hiwassee Dam to Reliance
49	Hiwassee – Murphy, Nottely Dam and Tomotla to Hiwassee Dam
52	Nottely – Above Nottely Dam
53A	Hiwassee – Chatuge Dam to Murphy
54A	Hiwassee – Above Chatuge Dam
55	Valley – Above Tomotla
57	Tennessee and Clinch – Fort Loudoun to Watts Bar and Kingston to Norris Dam
59	Emory – Above Oakdale
62	Clinch – Arthur and Tazewell to Norris
63	Powell – Above Arthur
65	Clinch – Above Tazewell
67	Tennessee – Knoxville to Fort Loudoun
69	Little Tennessee – Calderwood to McGhee
70	Little Tennessee – Fontana and Santeetlah to Calderwood
71	Cheoah – Above Santeetlah

AREA NO.	AREA
72A	Little Tennessee – Bryson, Needmore and Nantahala to Fontana Dam
73	Tuckasegee – Dillsboro to Bryson
74	Tuckasegee – Above Dillsboro
75	Little Tennessee – Above Needmore
78	Nantahala – Above Nantahala
84	French Broad and Holston – Douglas and Cherokee to Knoxville
87	Holston – Gate City and Kingsport to Cherokee Dam
88	North Fork of Holston – Above Gate City
89	South Fork of Holston – South Holston Dam and Watauga Dam to Kingsport
92	South Fork of Holston – Above South Holston Dam
93	Watauga – Above Watauga Dam
99	French Broad – Hartford, Newport and Bent Creek to Douglas Dam
101	Pigeon – Canton to Hartford
105	Pigeon – Above Canton
106	French Broad – Asheville to Newport
110	French Broad – Bent Creek to Asheville
114	French Broad – Blantyre to Bent Creek
117	French Broad – Above Blantyre
120	Nolichucky – Embreeville to Above Morristown
121	Nolichucky – Above Embreeville
125	Caney Fork – Above Great Falls Dam

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

AVERAGE PRECIPITATION ON WATERSHED SUBDIVISIONS

YEAR 1952

SCALE 0 10 20 30 40 50 MILES

AVERAGE PRECIPITATION OF WATERSHED SUBDIVISIONS

1952 MONTHLY AND ANNUAL

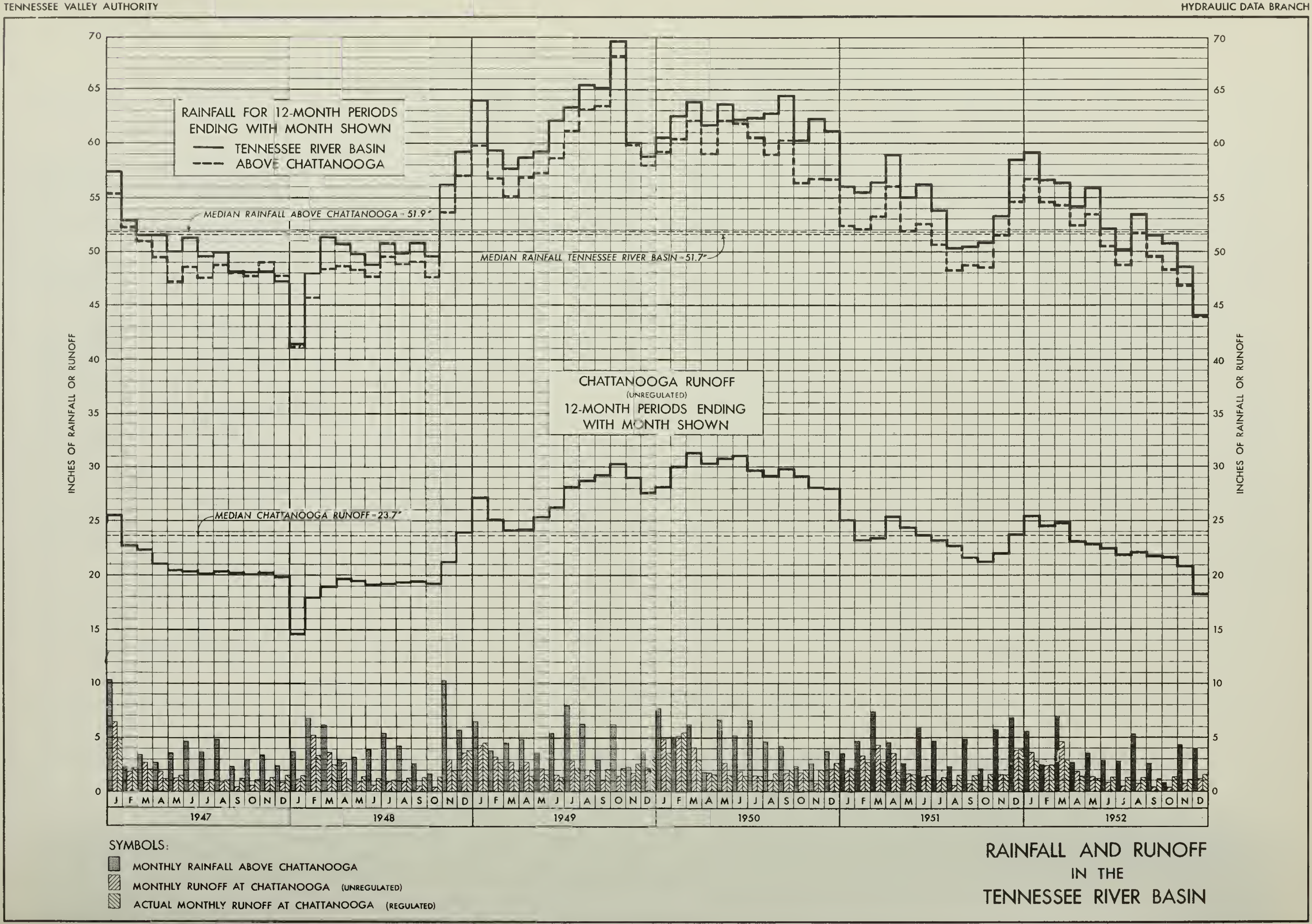
		Average Precipitation--Inches												
Subdivision		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Entire Tennessee River Basin	1952 Average	5.97	2.96	7.09	2.67	3.37	2.20	2.42	5.39	2.75	1.41	3.90	3.93	44.06
	16 Yr. Average	5.80	5.15	5.50	3.88	3.83	4.12	5.01	4.36	3.14	2.51	3.95	4.41	51.66
Area Above Hales Bar	1952 Average	5.56	2.48	6.99	2.73	3.56	2.88	2.82	5.32	2.61	0.81	4.29	3.96	44.01
	16 Yr. Average	5.10	4.71	5.15	3.64	3.90	4.32	5.63	4.66	3.14	2.61	3.54	4.17	50.57
Area Below Hales Bar	1952 Average	6.43	3.50	7.20	2.61	3.15	1.42	1.97	5.46	2.90	2.09	3.45	3.90	44.08
	16 Yr. Average	6.59	5.65	5.89	4.15	3.73	3.90	4.30	4.02	3.13	2.40	4.42	4.68	52.86
French Broad Above Newport	1952 Average	4.76	3.01	8.64	4.16	2.58	2.76	3.06	6.04	2.35	0.89	3.80	3.36	45.41
	16 Yr. Average	4.20	4.03	5.10	3.51	3.76	4.72	6.05	5.52	3.45	2.95	3.37	3.87	50.53
French Broad Above Douglas Dam	1952 Average	4.80	2.48	6.84	3.64	2.75	2.52	3.10	5.19	2.14	0.84	4.00	3.40	41.70
	16 Yr. Average	4.22	4.01	4.74	3.37	3.65	4.44	5.87	4.98	3.25	2.73	3.26	3.67	48.19
Holston Above Cherokee Dam	1952 Average	4.74	2.03	4.50	2.78	3.54	2.68	3.32	4.66	1.94	0.69	4.66	3.00	38.54
	16 Yr. Average	4.02	3.71	3.88	3.01	3.91	4.11	5.48	4.50	2.88	2.25	2.96	3.25	43.96
Holston and French Broad Above Knoxville	1952 Average	4.85	2.24	5.76	3.20	3.15	2.55	3.20	4.95	2.15	0.77	4.39	3.31	40.52
	16 Yr. Average	4.22	3.98	4.42	3.24	3.77	4.27	5.69	4.73	3.08	2.51	3.16	3.54	46.61
Little Tennessee Above McGhee	1952 Average	6.84	2.99	9.45	2.71	3.74	3.22	2.56	6.59	3.29	0.69	4.57	5.01	51.66
	16 Yr. Average	6.13	5.53	6.46	4.25	4.29	4.78	6.36	5.35	3.50	2.95	4.09	5.08	58.77
Little Tennessee Above Fontana Dam	1952 Average	6.94	3.25	10.70	2.95	3.34	3.04	2.64	6.59	3.51	0.76	4.35	5.04	53.11
	16 Yr. Average	6.16	5.59	6.65	4.29	4.18	4.86	6.50	5.49	3.71	3.03	4.14	5.17	59.77
Clinch Above Norris Dam	1952 Average	5.83	2.26	6.09	2.85	4.47	2.60	3.24	4.07	2.31	0.85	4.61	3.31	42.49
	16 Yr. Average	4.79	4.29	4.42	3.27	3.85	4.24	5.27	4.46	2.81	2.31	3.28	3.59	46.58
Hiwassee Above Charleston	1952 Average	6.48	3.04	9.37	2.45	4.07	4.27	1.89	7.30	3.24	0.72	4.06	5.25	52.14
	16 Yr. Average	5.89	5.52	6.52	4.28	4.09	4.67	5.99	4.95	3.30	2.86	3.89	5.01	56.97
Hiwassee Above Hiwassee Dam	1952 Average	6.20	3.01	9.97	2.44	4.28	4.36	2.00	7.59	3.51	0.67	4.03	5.19	53.25
	16 Yr. Average	5.82	5.55	6.68	4.47	4.16	4.95	6.38	5.14	3.42	2.87	3.80	5.03	58.27

Note: 16 Year Averages Based on 1937-1952 Averages.

EVAPORATION DATA—YEAR 1952

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Evaporation (Inches)	Paris, Tenn.	1.29	1.98	3.66a	4.20	6.08	9.23	8.22	6.74	5.17	3.55	2.84a	1.41a	54.37a
	Murphy, N. C.	1.39a	1.37	3.56a	4.07	5.41	5.96a	6.36	5.08	3.83	2.86	1.50a	1.10	42.49a
	Beetree Dam, N. C.	1.28a	1.59a	2.80a	3.81	5.40	5.99	5.82	4.19	3.50	2.83	1.92	0.89a	40.02a
	Jefferson City, Tenn.	1.06	1.41	2.95	3.78	5.16	6.42	7.02	4.27	4.12	2.59	1.12a	0.76	40.66a
Precipitation (Inches)	Paris, Tenn.	3.93	3.96	6.96	2.70	2.92	0.83	2.10	4.01	2.46	2.25	3.36	4.18	39.66
	Murphy, N. C.	6.55	2.81	8.54	1.47	3.79	6.03	1.93	9.55	3.66	0.71	4.26	5.32	54.62
	Beetree Dam, N. C.	3.09	2.68	9.20	4.54	2.27	3.54	3.70	6.42	1.84	0.94	3.66	2.60	44.48
	Jefferson City, Tenn.	4.36	1.87	4.54	2.13	3.61	0.33	3.63	4.08	3.09	0.73	5.55	3.65	37.57
Average Air Temperature (Degrees F)	Paris, Tenn.	43	45	47	57	66	82	81	77	67	50	48	40	59
	Murphy, N. C.	44	42	46	55	64	74	75	73	65	49	44	37	56
	Beetree Dam, N. C.	44	42	46	52	63	75	73	71	64	50	44	36	55
	Jefferson City, Tenn.	44	43	45	56	66	78	78	75	67	51	43	37	57
Average Water Temperature (Degrees F)	Paris, Tenn.	45a	48a	53	60	72	86	85	83	75	55	49a	43a	63a
	Murphy, N. C.	49	48	54a	60	73	85	84	82	75	59a	49	43a	63a
	Beetree Dam, N. C.	44a	44a	51	56a	69	81	79	76	70	54a	46a	37a	59a
	Jefferson City, Tenn.	48	48	55	61	73	86	86	81	74	57	47a	43	63a
Average Relative Humidity (Percent)	Paris, Tenn.	75	73	68	68	73	70	73	75	74	67	66	74	71
	Murphy, N. C.	83	80	70	69	75	80	75	83	82	74	76	80	77
	Beetree Dam, N. C.	76	72	69	71	76	83	83	89	87	72	71	78	77
	Jefferson City, Tenn.	76	73	66	66	70	72	69	84	77	71	81	87	74
Average Wind Velocity (Miles per Hour)	Paris, Tenn.	1.04	0.86	1.90	1.43	0.85	0.81	0.61	0.45	0.34	0.59	1.22	1.30	0.95
	Murphy, N. C.	0.53	0.50	0.89	0.77	0.37	0.15	0.24	0.11	0.10	0.21	0.42	0.46	0.40
	Beetree Dam, N. C.	1.50	1.43	1.67	1.47	0.97	0.69	0.66	0.57	0.63	0.87	1.33	1.29	1.09
	Jefferson City, Tenn.	0.77	0.81	1.04	0.88	0.43	0.35	0.30	0.10	0.20	0.33	0.37	0.56	0.51

a = Partly computed.



RAINFALL AND RUNOFF
IN THE
TENNESSEE RIVER BASIN

PRECIPITATION STATISTICS FOR SELECTED STATIONS

Precipitation in Inches

			Maximum		Minimum		
Month	Mean	Median	Amount	Date	Amount	Date	1952
			Elizabethton, Tennessee				
January	3.44	3.26	8.13	1947	0.46	1896	4.06
February	3.30	3.18	7.59	1944	0.48	1906	1.63
March	4.22	3.98	10.72	1899	1.37	1937	3.27
April	3.31	3.20	6.05	1912	0.65	1942	3.33
May	4.14	4.05	7.73	1915	1.08	1941	3.21
June	4.87	4.48	16.38	1872	1.33	1946	3.64
July	5.24	4.77	10.56	1896	1.10	1872	1.74
August	4.44	4.09	12.14	1901	0.89	1896	3.18
September	2.94	2.71	7.61	1928	0.30	1903	1.93
October	2.49	2.05	7.61	1918	0.02	1904	0.46
November	2.30	2.04	5.02	1948	0.61	1931	4.82
December	3.33	3.12	9.87	1872	0.80	1935	3.14
Annual	44.02	44.44	58.91	1928	29.06	1941	34.41
			Hendersonville, North Carolina				
January	4.74	4.24	12.40	1906	0.39	1907	5.63
February	4.56	4.16	10.73	1891	0.54	1930	4.16
March	5.47	5.65	11.67	1891	0.96	1930	11.67
April	4.18	4.14	9.38	1920	0.43	1915	4.15
May	4.54	4.12	12.70	1942	0.95	1914	2.62
June	5.34	4.90	11.56	1934	0.96	1911	4.78
July	6.30	5.70	22.09	1916	1.74	1902	2.49
August	6.12	5.19	26.58	1901	0.49	1925	8.79
September	4.48	3.94	14.00	1906	0.22	1919	3.87
October	4.15	3.39	14.59	1918	0.01	1904	1.01
November	3.33	3.08	12.54	1948	0.21	1910	#3.62
December	5.27	4.61	12.85	1918	1.13	1928	3.42
Annual	58.48	58.28	92.60	1901	32.55	1925	#56.21
			Knoxville, Tennessee				
January	4.72	3.99	16.98	1882	1.29	1907	5.10
February	4.72	4.42	12.52	1873	0.56	1898	2.03
March	5.15	4.56	13.35	1917	0.72	1910	5.80
April	4.27	4.10	17.32	1874	0.70	1942	1.52
May	3.79	3.71	8.81	1938	0.71	1941	2.89
June	4.19	4.07	11.83	1928	1.39	1936	1.46
July	4.65	4.02	13.16	1917	0.69	1901	4.66
August	3.98	3.82	11.33	1920	1.25	1896	2.94
September	2.84	2.46	10.78	1944	0.22	1879	3.80
October	2.54	2.09	9.51	1925	0.07	1904	0.53
November	3.32	3.10	11.69	1948	0.17	1890	4.46
December	4.34	3.72	12.34	1901	0.95	1896	4.04
Annual	48.51	47.73	73.87	1875	33.67	1930	39.23

PRECIPITATION STATISTICS FOR SELECTED STATIONS--Continued

Precipitation in Inches

			Maximum		Minimum		
Month	Mean	Median	Amount	Date	Amount	Date	1952
			Murphy, North Carolina				
January	5.62	4.79	14.85	1882	1.75	1907	6.57
February	5.54	4.93	15.10	1873	0.56	1906	2.79
March	6.36	5.92	15.34	1917	2.09	1918	8.54
April	4.73	4.56	15.40	1874	0.30	1915	1.47
May	4.01	3.46	11.25	1929	0.46	1941	3.79
June	5.07	5.12	9.31	1884	1.53	1936	6.03
July	5.77	5.51	13.42	1950	1.23	1901	1.93
August	5.12	4.72	13.96	1920	1.18	1918	9.55
September	3.25	3.43	7.44	1951	0.20	1876	3.66
October	3.06	2.59	9.27	1949	T	1904	0.71
November	3.76	3.17	13.18	1948	0.51	1924	4.26
December	5.26	4.80	12.98	1932	1.09	1898	5.16
Annual	57.55	57.00	84.80	1875	40.00	1940	54.46
			Chattanooga, Tennessee				
January	5.27	4.72	14.74	1882	1.33	1907	6.35
February	4.97	4.81	12.30	1939	0.62	1941	3.25
March	5.99	5.32	14.05	1899	0.93	1910	8.57
April	4.65	4.10	15.29	1911	0.44	1942	1.56
May	3.90	3.69	12.00	1929	0.54	1941	3.31
June	4.16	4.14	9.40	1949	0.29	1931	1.02
July	4.65	4.70	13.49	1916	0.67	1902	3.35
August	3.89	3.40	12.36	1920	0.45	1929	4.41
September	3.04	2.54	9.18	1950	0.04	1919	2.65
October	3.04	2.66	11.91	1925	0.08	1938	1.51
November	3.53	3.08	13.59	1948	0.16	1890	3.79
December	5.09	4.56	11.69	1942	0.44	1889	4.62
Annual	52.18	52.22	72.37	1929	32.68	1904	44.39
			Lewisburg, Tennessee				
January	5.27	4.70	17.05	1950	1.26	1943	8.99
February	5.04	4.76	13.14	1939	1.08	1941	3.33
March	5.91	5.79	12.50	1902	0.94	1910	8.00
April	4.39	4.42	12.60	1912	0.56	1915	3.28
May	4.00	3.72	8.50	1933	0.60	1941	1.96
June	4.12	3.66	13.46	1900	0.72	1899	1.39
July	4.41	3.92	9.85	1941	1.25	1951	2.58
August	4.13	3.41	11.40	1923	0.57	1909	5.72
September	3.07	3.01	8.87	1906	0.32	1927	3.85
October	2.97	2.52	8.88	1919	0.05	1924	2.37
November	3.73	3.33	10.27	1948	0.76	1949	3.26
December	4.81	4.19	11.71	1922	1.01	1928	4.13
Annual	51.85	51.52	66.62	1950	37.42	1904	48.86

PRECIPITATION STATISTICS FOR SELECTED STATIONS--Continued

Precipitation in Inches

Muscle Shoals, Alabama*

			Maximum		Minimum		
Month	Mean	Median	Amount	Date	Amount	Date	1952
January	5.19	4.74	13.09	1950	1.98	1914	7.57
February	5.08	4.63	13.64	1948	0.54	1941	3.90
March	5.89	5.32	16.15	1897	1.26	1910	5.67
April	4.47	4.00	16.07	1892	0.74	1930	1.33
May	3.96	3.74	11.29	1939	0.16	1941	2.72
June	4.19	3.96	13.87	1900	0.60	1897	1.11
July	4.51	3.76	14.60	1916	0.77	1935	1.66
August	3.96	3.30	10.60	1894	0.35	1948	5.98
September	3.02	2.67	7.87	1890	0.00	1897	2.32
October	2.66	2.05	11.05	1918	0.00	1924	1.78
November	3.57	3.49	11.39	1948	0.16	1949	3.48
December	4.84	4.16	14.59	1926	1.10	1889	3.66
Annual	51.34	51.07	76.21	1932	30.92	1943	41.18

*Before December 1940 the Muscle Shoals, Alabama, station was at Florence, Alabama.

Johnsonville, Tennessee

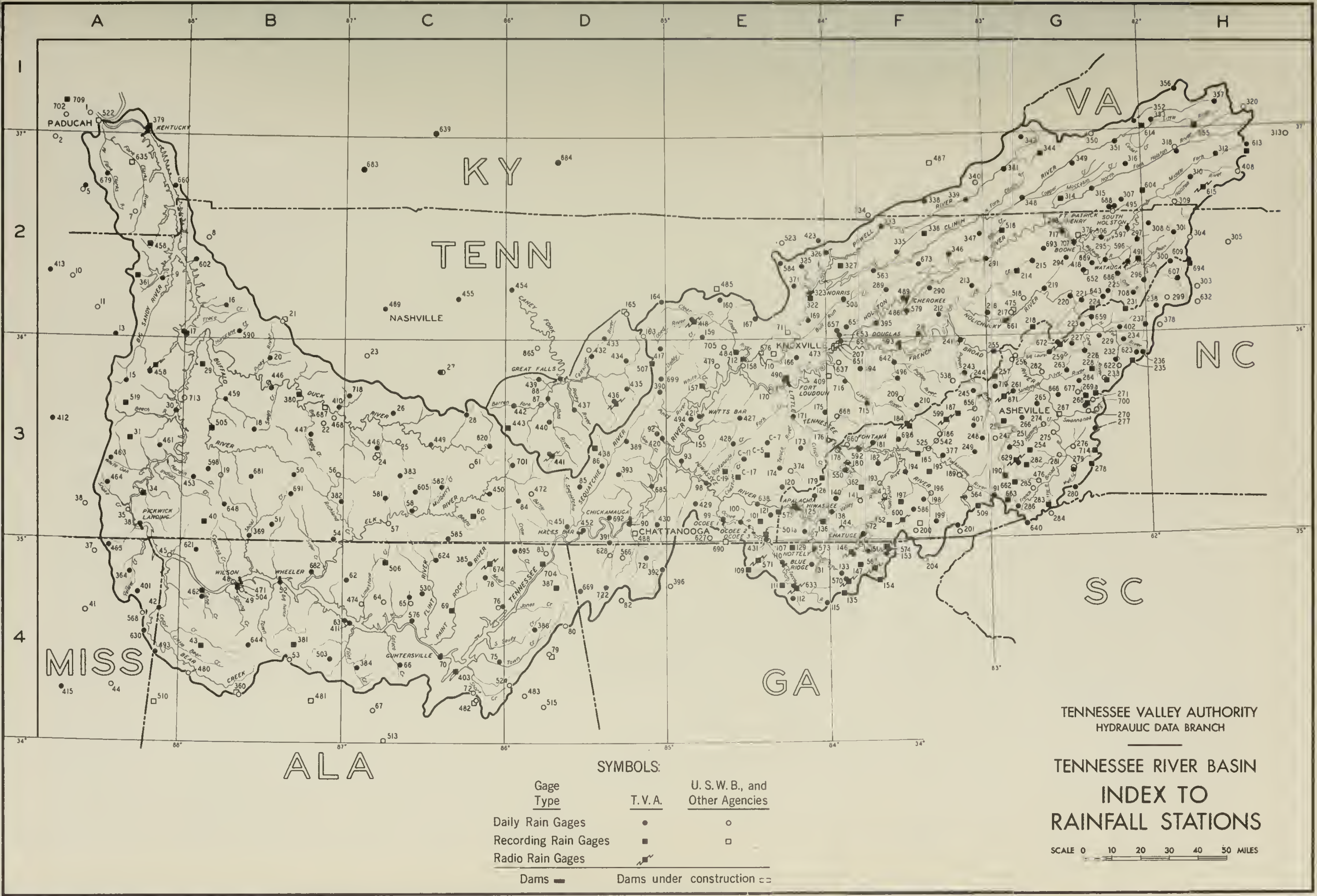
			Maximum		Minimum		
Month	Mean	Median	Amount	Date	Amount	Date	1952
January	5.56	4.50	23.51	1937	0.64	1944	5.15
February	4.27	3.82	9.56	1939	0.79	1947	5.48
March	5.28	5.14	13.07	1927	0.59	1910	7.59
April	4.67	4.22	12.29	1892	0.53	1887	2.87
May	4.34	3.42	10.19	1909	0.48	1951	3.25
June	4.13	3.56	13.34	1928	0.37	1930	1.40
July	4.19	3.85	10.12	1892	0.06	1890	1.60
August	3.92	2.94	13.70	1914	0.34	1948	4.52
September	3.52	3.20	11.31	1921	0.00	1897	3.44
October	2.95	2.62	11.44	1919	T	1924	2.22
November	4.23	3.66	11.90	1906	0.74	1949	3.11
December	4.63	3.92	14.66	1926	0.05	1889	2.65
Annual	51.69	49.95	76.17	1950	33.97	1941	43.28

MONTHLY AND ANNUAL RAINFALL AND RUNOFF

TENNESSEE RIVER ABOVE CHATTANOOGA, TENNESSEE

Drainage Area - 21,400 Square Miles

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL
Rainfall in Inches 1890 - 1952													
1952	5.56	2.48	6.99	2.73	3.56	2.88	2.82	5.32	2.61	0.81	4.29	3.96	44.01
Maximum	10.32	9.69	11.40	7.49	7.95	8.67	11.07	13.33	6.91	8.37	10.30	9.98	62.81
Minimum	1.42	0.96	1.37	0.95	0.80	1.73	2.69	1.25	0.77	0.17	0.44	1.06	37.23
Mean	4.52	4.56	5.34	4.09	4.08	4.52	5.34	4.65	3.24	2.90	3.17	4.54	50.95
Median	4.23	4.44	5.15	4.05	3.80	4.62	5.07	4.27	3.08	2.48	2.91	4.13	51.94
Runoff in Inches 1874 - 1952 (Unregulated)													
1952	3.63	2.36	4.63	1.76	1.35	0.84	0.45	0.68	0.43	0.32	0.70	1.14	18.29
Maximum	9.42	7.45	9.62	7.11	5.28	3.75	3.90	4.28	2.69	3.17	3.77	5.11	36.54
Minimum	0.50	0.62	1.30	1.01	0.61	0.50	0.45	0.26	0.21	0.30	0.30	0.41	11.22
Mean	3.09	3.23	3.78	2.96	2.02	1.47	1.37	1.18	0.88	0.81	1.11	1.92	23.82
Median	2.83	3.08	3.26	2.63	1.84	1.27	1.14	1.00	0.72	0.71	0.87	1.68	23.66
Runoff in Cubic Feet Per Second 1874 - 1952 (Unregulated)													
1952	67,300	46,800	86,000	33,700	25,100	16,200	8,400	12,600	8,300	5,900	13,500	21,100	28,800
Maximum	174,800	147,800	178,500	136,400	98,000	72,000	72,300	79,400	51,500	58,900	72,400	94,800	57,600
Minimum	9,200	12,700	24,100	19,400	11,300	9,600	8,300	4,760	3,990	5,510	5,800	7,700	17,690
Mean	57,400	65,800	70,200	56,800	37,500	28,200	25,400	21,900	16,900	15,000	21,300	35,600	37,500
Median	52,500	62,800	60,500	50,400	34,200	24,400	21,200	18,600	13,800	13,200	16,700	31,200	37,300



TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
INDEX TO RAINFALL STATIONS

SCALE 0 10 20 30 40 50 MILES

SYMBOLS:

Gage Type	T. V. A.	U. S. W. B., and Other Agencies
Daily Rain Gages	●	○
Recording Rain Gages	■	□
Radio Rain Gages	■	

Dams ▬ Dams under construction ▭

ANNUAL 1952 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	(Inches)
	TENNESSEE RIVER - MOUTH TO JOHNSONVILLE																															
1	PADUCAH	A-1	USWB	333	71	5.57	4.37	2.64	3.62	6.50	4.93	4.31	4.54	3.23	3.90	0.51	4.06	1.85	3.43	3.97	3.46	4.28	3.04	0.99	2.90	2.51	3.84	4.97	3.59	41.33	45.68	2.4
522	PADUCAH (NEAR) (R)	A-1	SCS	348	12	6.02	5.10	2.44	3.83	7.49	4.93	4.00	3.81	3.58	4.25	0.24	3.70	2.42	2.94	2.17	3.12	3.59	3.02	0.93	2.82	2.19	3.99	4.15	3.29	39.22	44.80	---
702	PADUCAH AIRPORT	A-1	USWB	504	3	6.52		3.05		7.04		4.01		2.98		0.26		2.06		3.79		3.88		1.05		2.37		4.57		41.58		3.0
709	SHAWNEE STEAM PLANT (R)	A-1	TVA	355	2	6.20		3.59		7.71		3.77		2.89		0.21		1.74		1.34		3.87		0.96		2.17		3.83		38.28		---
2	LOVELACEVILLE	A-2	USWB	479	28	5.66	4.68	3.42	3.90	6.89	5.32	4.47	4.78	3.59	3.75	0.08	4.46	2.95	2.67	3.72	3.58	3.70	3.58	1.02	3.53	2.55	3.50	#4.80	3.62	#42.85	47.37	5.6
379	KENTUCKY DAM (R)	A-1	TVA	362	15	6.67	4.91	3.35	4.44	7.35	5.14	4.28	4.10	3.70	3.87	0.14	3.95	1.74	3.21	1.12	3.51	3.92	2.87	1.26	2.38	3.33	4.22	5.43	3.70	42.29	46.30	---
379A	KENTUCKY DAM	A-1	TVA	362	8	6.85	6.28	3.38	4.94	7.35	5.41	4.41	3.76	3.60	4.09	0.15	4.15	1.67	3.23	1.11	3.42	3.86	3.84	1.11	2.68	3.27	5.29	5.43	4.41	42.19	51.50	1.5
679	BICKSVILLE	A-2	TVA	440	5	4.98		3.49		7.84		3.98		4.01		0.00		3.15		2.28		3.82		0.93		3.40		6.24		44.12		1.8
5	MAYFIELD	A-2	USWB	364	40	3.45	4.71	2.10	3.35	6.54	4.84	3.47	4.41	4.00	4.12	0.38	3.73	3.22	3.88	2.63	3.48	3.81	3.07	0.85	2.98	3.06	3.73	5.91	3.99	39.42	46.29	1.3
5A	MAYFIELD SUBSTA.	A-2	TVA	364	9	4.68	5.86	3.58	5.29	7.90	5.89	3.57	3.92	4.37	4.65	0.84	4.24	3.54	4.08	2.13	3.42	4.05	3.69	0.84	2.98	#3.51	5.00	5.99	4.78	#45.00	53.80	1.5
635	BENTON (R)	A-2	USWB	410	8	4.38		3.13		7.99		4.33		2.73		0.05		1.81		1.32		3.61		0.79		3.52		5.48		39.14		---
7	MURRAY	A-2	USWB	412	27	3.37	5.22	3.19	3.99	10.46	5.55	3.40	4.41	2.27	4.16	0.14	4.03	1.74	3.26	1.91	3.32	6.56	3.38	0.95	3.00	2.79	3.31	4.29	3.79	41.07	47.42	T
680	TURKEY CREEK SCHOOL	A-2	TVA	345	5	3.62		#2.55		8.93		1.80		2.48		0.21		1.10		0.77		4.63		1.10		3.63		4.43		#35.25		3.1
8	DOVER	B-2	USWB	492	55	4.26	5.37	2.88	3.79	7.40	4.83	2.32	4.45	2.12	4.12	0.46	4.11	1.29	3.38	1.31	3.58	3.97	3.25	2.94	3.30	3.09	3.81	3.60	4.62	35.64	48.61	1.5
602	DOVER FIRE TOWER (NEAR)	B-2	TVA	410	10	5.24	6.51	3.22	5.02	5.93	5.48	2.39	4.13	1.96	3.88	1.44	4.48	1.58	4.70	2.06	3.42	3.58	4.24	2.87	2.97	3.46	5.66	4.03	5.83	37.76	56.32	0.5
456	BUCHANAN (R)	A-2	TVA	435	13	4.85	5.43	3.76	4.45	9.21	5.78	2.60	3.82	1.63	3.95	0.89	3.94	2.98	4.16	2.05	3.95	3.50	3.27	1.78	2.95	3.31	4.90	3.78	4.28	40.34	50.88	---
9	SPRINGVILLE	A-2	TVA	400	38	3.81	5.78	3.26	4.01	5.47	5.26	2.53	4.21	2.69	4.44	0.79	3.52	2.87	3.97	3.95	3.68	3.02	3.25	3.14	2.94	2.85	4.18	4.04	4.72	38.42	49.96	T
10	DRESDEN	A-2	USWB	422	29	4.57	5.72	4.72	3.74	10.49	5.04	3.94	4.49	1.89	4.36	0.93	4.41	4.09	3.12	1.30	3.34	2.60	2.99	1.19	3.15	2.58	3.38	4.67	4.43	42.97	48.17	1.4
361	PARIS EVAPORATION STA. (R)	A-2	TVA	455	16	3.83	5.44	3.64	4.55	6.66	5.60	2.88	4.34	2.98	3.64	0.79	4.04	2.21	4.20	3.90	3.39	2.35	2.65	2.20	3.18	3.18	3.40	4.13	4.61	38.75	49.04	---
11	MCKENZIE	A-2	USWB	475	19	4.66	6.46	4.22	4.08	6.06	5.27	3.11	3.72	1.77	3.77	1.03	3.92	3.28	3.89	2.19	3.02	3.05	3.52	1.30	3.36	3.17	3.91	4.30	4.64	38.14	49.56	T
13	HUNTINGDON	A-2	TVA	430	23	4.31	6.38	5.35	4.22	6.20	5.95	2.50	4.29	2.60	4.40	1.00	3.90	1.06	4.34	1.85	3.47	4.07	3.36	1.76	2.92	2.89	4.08	3.40	4.37	36.99	51.68	T
15	WILDERSVILLE	A-3	TVA	480	37	5.56	6.17	4.08	4.20	6.72	5.26	3.60	4.48	3.01	4.43	0.63	4.14	1.64	4.12	3.86	4.13	5.39	3.22	1.31	2.95	5.16	4.22	2.80	4.86	43.76	52.18	T
16	ERIN (NEAR)	B-2	TVA	470	17	5.62	6.86	3.73	4.46	7.33	5.61	2.97	3.83	4.77	3.78	2.58	3.82	0.89	4.59	3.64	3.62	3.40	3.26	2.47	2.68	3.02	4.30	3.41	4.73	43.83	51.54	0.7
	DUCK RIVER																															
459	PLEASANTVILLE	B-3	TVA	495	13	4.75	6.73	3.82	4.99	7.86	6.00	3.28	4.08	3.97	3.81	0.27	3.56	1.82	3.48	3.03	4.26	2.39	2.95	1.69	2.16	3.46	5.21	2.62	4.98	38.96	52.21	T
713	POPE	B-3	USWB	395	2	5.44		3.79		6.31		2.56		5.42		0.85		3.38		3.47		2.77		1.46		3.22		2.58		41.25		T
505	SUGAR HILL (R)	B-3	TVA	610	12	5.35	7.47	2.77	5.22	7.87	5.57	2.44	3.83	4.32	3.36	0.33	2.67	0.48	2.90	4.34	4.77	1.66	3.19	1.34	2.09	3.25	5.02	2.73	4.95	36.88	51.04	---
18	BOHENWALD	B-3	TVA	975	65	8.28	5.61	2.93	4.88	6.84	6.04	3.19	4.87	3.07	4.30	1.10	4.24	1.57	4.19	2.13	4.23	2.43	3.10	1.84	2.79	2.89	4.21	3.33	5.26	39.60	53.72	1.5
598	WAYNESBORO (NEAR)	B-3	TVA	860	9	8.62	8.48	3.48	6.23	6.83	6.42	4.10	4.48	3.17	3.89	1.00	3.98	1.07	3.63	3.71	3.69	2.02	3.03	1.72	2.25	3.61	5.47	3.37	4.95	42.70	56.50	3.0
19	WAYNESBORO	B-3	USWB	730	68	7.67	5.00	3.96	4.22	6.43	5.67	4.40	5.38	3.73	4.80	0.74	4.07	3.39	4.53	5.36	4.60	2.13	3.23	1.61	3.25	3.34	3.78	3.04	5.63	45.80	54.16	0.5
590	MCEWEN (NEAR)	B-2	TVA	532	11	6.60	5.91	5.82	5.76	11.18	7.34	2.81	3.15	3.92	4.76	1.69	4.46	2.21	4.27	3.20	4.00	2.62	3.23	2.12	2.54	2.59	4.96	#2.78	5.34	#47.54	55.72	0.5
728	MCEWEN	B-2	TVA	805	-	ESTABLISHED NOVEMBER 25, 1952																				----		2.65		-----		-
20	PINEWOOD	B-3	TVA	520	37	5.23	6.03	3.60	4.07	7.86	5.26	2.67	4.60	3.80	3.99	0.47	3.55	1.69	4.07	4.62	3.97	2.13	2.71	2.15	2.74	3.45	3.90	2.79	4.98	40.46	49.87	T
21	DICKSON	B-2	USWB	800	61	5.14	5.23	4.38	3.74	9.17	5.36	2.03	4.81	2.99	4.63	0.55	4.30	3.27	3.88	3.79	4.06	2.23	2.84	2.38	3.14	2.74	3.87	2.98	4.92	41.65	50.78	2.0
21A	DICKSON (R)	B-2	USWB	800	13	4.46	5.23	4.22	3.74	8.92	5.36	1.64	4.81	2.87	4.63	0.77	4.30	3.15	3.88	3.58	4.06	2.04	2.84	2.17	3.14	2.53	3.87	2.65	4.92	39.00	50.78	---
446	CENTERVILLE SUBSTA.	B-3	TVA	550	13	4.77	6.65	3.97	5.12	7.62	5.53	2.69	3.99	2.55	3.37	2.44	3.66	4.04	3.90	6.03	4.42	2.65	3.04	1.84	2.04	2.88	4.85	2.85	4.73	44.33	51.30	T
446A	CENTERVILLE	B-3	USWB	630	7	4.91	8.76	3.87	5.56	8.55	5.55	3.01	3.99	2.88	4.21	1.89	5.21	2.71	4.32	4.96	3.75	2.20	2.16	1.61	2.47	2.93	4.82	2.66	4.67	42.18	55.47	0.1
380	SHADY GROVE (R)	B-3	TVA	580	14	6.36	5.99	2.98	5.69	8.05	5.36	2.94	3.95	1.84	3.07	0.14	3.68	1.67	3.87	4.00	3.80	2.31	2.60	2.12	1.89	2.72	4.54	2.92	4.49	38.05	48.93	---
447	MT. PLEASANT SUBSTA.	B-3	TVA	610	13	7.78	5.80	3.21	5.97	6.71	5.67	3.41	3.86	3.42	3.30	1.67	3.42	1.85	3.77	3.67	4.02	1.82	3.33	2.07	2.20	3.33	4.43	3.55	4.76	42.49	50.53	T
687	MONSANTO (R)	B-3	MCCO	625	5	6.92		#2.90		5.51		2.50		2.62		0.05		2.43		3.92		1.80		1.93		3.13		3.90		37.61		T
22	ASHWOOD	B-3	USWB	725	80	7.37	4.72	3.44	3.82	7.54	5.17	3.31	4.34	2.55	4.25	0.50	3.92	4.89	3.54	4.09	4.02	2.04	3.10	2.20	3.09	2.89	3.28	3.30	4.66	44.12	47.91	0.5
468	COLUMBIA	B-3	USWB	675	5	9.89		3.99		7.59		3.23		3.95		0.08		2.94		6.49		1.77		1.87		3.27		3.56		48.63		0.2
703	COLUMBIA (NEAR)	B-3	TVA	642	2	----		DISCONTINUED JANUARY 23, 1952																						-----		---
410	COLUMBIA SUBSTA.	B-3	TVA	620	14	7.08	5.79	3.42	5.64	5.79	5.44	3.22	3.85	2.57	3.01	0.89	3.95	3.01	3.36	5.60	4.56	1.76	3.57	1.86	2.26	3.17	4.54	3.01	4.70	41.38	50.67	0.1
718	NEAPOLIS	C-3	TVA	720	1	#6.18		2.98		5.90		2.82		3.09		0.44		2.75		6.08		1.81		2.07		3.03		3.02		40.17		T
23	FRANKLIN	C-3	USWB	625	64	5.71	4.71	3.55	3.89	8.47	5.25	2.11	4.70	3.33	3.98	0.57	4.27	3.08	3.55	6.75	3.97	2.81	3.01	#1.75	3.00	#2.63	3.68	#2.75	4.84	#43.51	48.85	T
448	LEWISBURG NO. 2 SUBSTA.	C-3	TVA	740	13	7.96	6.06	3.25	6.16	7.10	5.46	3.07	3.86	1.83	3.76	1.21	3.27	0.77	4.56	3.82	3.43	3.50	3.50	2.28	2.14	3.07	4.33	3.82	4.38	41.68	50.91	T
24	LEWISBURG (NEAR)	C-3	USWB	787	59	8.99	4.93	3.33	4.36	8.00	5.78	3.28	4.58	1.96	4.25	1.39	4.25	2.58	4.24	5.72	4.51	3.85	3.01	2.37	3.30	3.26	3.47	4.13	5.29	48.86	51.97	T
24A	LEWISBURG (NEAR) (R)	C-3	USWB	787	13	8.63	4.93	3.33	4.36	7.92	5.78	2.59	4.58	1.82	4.25	1.35	4.25	2.58	4.24	5.61	4.51	3.63	3.01	2.26	3.30	2.96	3.47	4.05	5.29	46.73	51.97	---
25	PALMETTO	C-3	USWB	770	63	7.57	4.68	4.12	4.16	6.31	5.33	1.98	4.38	1.87	4.43	2.04	4.43	1.21	4.58	6.35	4.18	3.65	2.96	2.87	3.39	2.83	3.28	3.56	4.98	44.36	50.78	T
26	CHAPEL HILL	C-3	TVA	675	17	6.62	6.32	3.30	5.67	6.99	5.39	3.77	3.88	2.78	4.01	1.88	3.19	0.49	4.16	5.56	3.92	2.39	3.29	2.21	2.50	2.86	4.59	4.03	4.19	42.88	51.11	0.0
27A	MURFREESBORO	C-3	USWB	608	71	5.76	4.75	2.98	3.67	6.82	5.16	2.75	4.48	4.27	4.14	0.51	3.93	2.31	4.33	7.35	4.19	2.30	3.07	0.90	3.07	2.60	3.49	2.50	4.67	41.05	48.95	0.2
27B	MURFREESBORO SUBSTA.	C-3	TVA	580	13	6.22	5.74	3.06	5.64	7.39	5.39	2.74	3.52	4.03	3.72	0.42	3.10	2.07	4.13	7.98	3.72	2.30	3.37	0.93	1.93	2.71	5.10	2.71	4.69	42.56	50.05	0.5
449A	SHELBYVILLE (R)	C-3	TVA	745	-	ESTABLISHED DECEMBER 9, 1952																						----		-----		---
449	SHELBYVILLE	C-3	TVA	742	13	7.95	6.32	3.12	6.22	6.16	5.58	2.72	3.70	3.54	3.70	2.85	3.96	2.61	3.94	6.95	3.49	3.73	3.56	2.02	2.24	2.76	4.43	3.69	4.74	48.10	51.88	T
28	BEECH GROVE	C-3	TVA	875	16	6.88	6.78	2.65	6.17	6.80	5.78	2.14	3.58	2.37	4.21	3.00	4.10	2.49	4.14	3.37	4.76	3.27	3.53	1.84	2.37	3.11	4.66	4.17	4.66	42.09	54.74	T
620A	MANCHESTER	C-3	TVA	1046	3	7.24		3.23		5.59		2.53		3.39		2.61		1.96		5.68		3.43		1.03		3.01		4.28		43.98		T
	TENNESSEE RIVER - JOHNSONVILLE TO PICKWICK																															
17A	JOHNSONVILLE STEAM PLANT (R)	B-2	TVA	390	3	5.15		5.48		7.59		2.87		3.25		1.40		1.60		4.52		3.44		2.22		3.11		2.65		43.28		---
17B	JOHNSONVILLE STEAM PLANT	B-2	TVA	-	1	EST. JAN.29'52		5.45		7.33		2.88		3.28		1.38		1.60		4.14		3.64		1.79		#3.17		2.64		-----		T
458	CAVVIA	A-3	TVA	580	13	5.12	5.91	3.82	4.67	8.76	6.23	2.90	4.41	3.05	3.81	0.21	3.46	2.44	4.14	5.41	4.21	4.45	3.81	1.36	2.83	3.93	5.42	2.80	4.75	44.25	53.65	T
29	CUBA LANDING (R)	B-3	TVA	444	17	5.39	6.54	4.22	4.57	8.16	5.54	2.65	3.85	3.16	3.70	0.88	3.64	0.55	3.97	6.38	3.08	2.51	2.52	1.90	2.48	2.99	4.24	2.79	4.40	41.58	48.53	---
30	PERRYVILLE	A-3	TVA	430	57	5.26	5.78	3.59	4.27	7.89	5.86	2.83	4.50	4.67	4.09	1.58	4.03	3.69	3.92	3.02	3.71	2.14	2.94	1.48	2.99	3.62	4.16	2.16	5.03	41.93	51.28	T
724	SCOTTS HILL	A-3	TVA	520	-	ESTABLISHED NOVEMBER 28, 1952																				----		2.99		-----		---
460A	LEXINGTON	A-3	TVA	465	12	INSTALLED AUGUST 14, 1952						DISCONTINUED NOVEMBER 30, 1952								----		5.00		1.17		4.19				-----		---
519	OAK GROVE (R)	A-3	TVA	532	12	5.68	6.94	3.81	4.70	8.25	5.74	2.75	4.39	2.75	4.17	0.19	3.63	1.06	3.43	3.07	3.96	4.04	3.65	1.07	2.95	4.17	5.41	2.90	5.01	39.74	53.98	---
461	DUNBAR, TENNESSEE	A-3	TVA	535	13	5.77	6.53	3.48	5.16	8.09	5.99	3.38	4.24	4.17	3.73	2.05	3.48	2.65	3.02	5.79	4.16	1.81	3.02	1.57	2.53	4.11	5.13	3.31	5.14	46.18	52.13	T

(#) Interpolated or partly interpolated. (R) Recorder at present

ANNUAL 1952 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	TENNESSEE RIVER - JOHNSONVILLE TO PICKWICK (CONT'D)																															
453	CLIFTON JUNCTION	B-3	TVA	474	13	8.01	6.04	3.62	5.51	7.53	6.01	5.09	4.44	2.90	3.20	0.81	3.51	1.01	3.09	3.67	3.62	1.24	3.13	2.02	2.21	3.27	4.97	3.24	4.75	42.41	50.48	0.0
40	VICTORY (R)	B-3	TVA	850	17	6.34	6.85	3.87	6.37	6.85	6.18	4.20	4.85	3.32	4.00	1.53	4.02	1.77	4.59	6.75	4.61	2.72	3.52	1.94	3.11	3.74	5.24	4.08	5.11	47.11	58.45	---
31	REAGAN (R)	A-3	TVA	600	31	5.19	5.47	3.77	4.32	7.46	4.83	2.83	4.33	2.18	3.80	1.49	3.98	2.32	3.71	3.70	3.51	1.47	3.01	1.20	2.66	3.48	4.16	2.32	4.91	37.41	48.69	---
463	ENVILLE	A-3	TVA	537	13	5.25	8.77	3.10	4.93	7.42	6.03	3.12	3.53	1.85	3.55	1.15	3.04	1.58	3.42	2.45	3.61	2.46	3.01	1.98	2.53	3.38	5.37	2.85	4.46	36.59	52.25	0.0
34	SAVANNAH	A-3	USWB	440	70	6.12	5.06	4.61	4.00	6.95	5.62	1.24	4.92	2.62	4.54	0.83	4.06	0.82	4.32	4.70	3.86	0.97	3.31	1.65	3.18	3.18	3.80	2.76	5.50	36.45	52.17	0.3
34A	SAVANNAH (R)	A-3	TVA	450	8	5.62	8.97	4.00	6.06	6.17	6.02	2.43	3.70	2.30	4.46	0.75	3.44	1.27	3.22	4.55	3.36	0.89	3.31	1.47	2.17	3.48	6.08	3.20	4.52	36.13	55.31	---
464	LEAPWOOD (NEAR)	A-3	TVA	540	13	5.20	6.48	3.43	5.52	8.48	6.25	2.63	3.98	2.79	3.01	0.00	3.39	0.92	3.07	4.42	4.12	1.21	3.60	1.55	2.86	3.70	5.12	2.84	4.80	37.17	52.20	T
35	SHILOH	A-3	USDI	483	42	5.78	5.85	4.26	4.80	5.81	5.90	2.92	4.74	2.57	4.37	0.28	3.71	2.14	4.11	6.82	3.70	1.18	2.96	1.57	3.24	3.30	4.08	3.49	5.35	40.12	52.81	0.0
36	SELMER	A-3	USWB	438	29	5.53	5.02	3.89	4.51	7.77	5.78	3.08	4.36	2.26	4.07	0.25	4.23	2.12	3.25	3.15	3.72	0.84	3.37	1.15	3.51	3.62	3.86	2.78	5.09	36.44	50.77	T
465	ACTON (NEAR)	A-4	TVA	510	13	6.42		4.41		5.26		4.24		3.89		0.87		2.21		5.78		0.82		1.22		4.40		3.29		42.81		1.0
37	CORINTH	A-4	USWB	470	67	6.49	4.98	4.85	4.26	5.46	5.51	4.09	4.79	3.64	4.50	0.23	3.76	2.26	4.77	5.91	4.02	1.78	3.10	1.31	3.28	4.67	3.72	3.46	5.77	44.15	52.46	0.5
	TENNESSEE RIVER - PICKWICK TO FLORENCE																															
38	PICKWICK LANDING DAM	A-3	TVA	479	18	5.65	6.56	4.43	5.24	4.71	5.37	4.04	4.10	2.47	3.31	0.75	3.68	2.31	3.65	5.86	3.42	0.98	2.96	1.54	2.99	3.49	4.78	2.93	4.57	39.16	50.63	0.0
364	BURNSVILLE SUBSTA.	A-4	TVA	452	15	6.97	6.66	3.87	5.95	4.80	6.14	5.12	4.40	3.48	4.12	0.03	3.20	2.90	3.56	6.77	4.16	2.95	3.05	1.49	2.06	4.26	5.50	3.10	4.95	45.74	53.75	0.0
401	MIDWAY	A-4	TVA	610	14	7.68	6.59	3.84	6.61	4.46	6.18	4.36	4.05	3.81	3.76	0.07	3.42	3.24	3.72	4.77	3.83	#2.89	2.92	1.07	2.18	5.07	5.49	3.27	4.91	#44.53	53.66	0.0
41	BOONEVILLE	A-4	USWB	504	58	7.26	5.13	3.90	4.35	4.45	5.63	4.40	4.90	4.01	4.64	0.17	4.02	2.68	4.15	4.91	3.67	1.33	3.07	0.91	3.10	4.49	3.78	3.73	6.03	42.24	52.47	T
42	BISHOP	A-4	TVA	470	18	8.27	6.89	3.59	6.10	5.61	6.75	3.78	4.65	3.21	4.09	0.20	3.47	4.23	4.12	6.19	4.05	1.76	2.85	1.05	2.34	4.96	4.84	3.57	4.66	46.42	54.81	0.0
43	BELGREEN (R)	B-4	TVA	800	18	5.30	6.26	4.11	6.24	6.81	7.06	2.61	4.40	2.50	3.71	0.80	3.43	1.24	4.86	3.90	4.03	2.45	2.75	1.50	2.63	3.95	4.36	4.55	4.40	39.72	54.13	---
725	RUSSELLVILLE	B-4	TVA	740	-	ESTABLISHED NOVEMBER 28, 1952																				----		4.60		-----		---
568	TISHOMINGO	A-4	USWB	550	12	7.22	7.09	3.89	5.93	4.69	6.51	3.40	3.25	2.83	3.90	0.00	2.81	3.94	4.01	5.53	4.13	1.91	3.00	0.93	2.33	4.50	4.82	3.55	4.92	42.39	52.70	0.0
630	BELMONT (NEAR)	A-4	TVA	585	10	8.28	8.28	3.75	7.79	5.85	7.63	3.43	4.34	3.10	3.77	0.10	2.38	2.02	3.82	3.13	3.45	1.85	4.26	1.15	2.02	5.55	5.54	4.10	5.14	42.31	58.42	0.0
493	RED BAY	A-4	TVA	627	12	5.53	6.70	3.07	6.04	4.41	6.99	2.70	3.62	2.72	3.72	0.47	2.86	0.83	3.81	3.35	4.63	0.73	2.92	1.60	2.16	4.45	5.36	3.63	5.21	33.49	54.02	0.0
480	HODGES	B-4	USWB	870	15	5.55	6.63	3.39	6.64	4.37	6.83	3.34	4.27	#2.33	3.70	1.50	4.28	1.11	4.42	5.64	4.41	3.15	2.70	#1.51	1.73	4.26	4.56	5.19	4.90	#41.34	55.07	0.0
510	BEXAR (R)	A-4	USWB	-	12	4.48	6.62	----	----	----	----	----	----	2.22	3.09	----	----	----	----	----	----	2.06	2.87	2.01	2.12	3.64	4.12	4.35	4.75	-----	-----	---
44	FULTON	A-4	USWB	335	44	4.74	4.62	2.93	5.53	4.59	5.42	3.68	4.62	2.35	4.74	1.53	3.86	0.87	4.57	4.58	3.59	2.27	2.75	1.04	2.83	4.61	3.50	3.71	5.72	36.90	51.75	0.0
360	HALEYVILLE	B-4	USWB	947	16	5.50	7.13	3.67	6.18	4.91	7.06	2.34	4.19	2.52	3.35	2.41	4.67	0.70	5.81	5.66	4.60	2.91	3.38	1.34	2.05	3.81	4.20	4.19	5.28	39.96	57.90	0.0
360A	HALEYVILLE (R)	B-4	USWB	947	13	5.41	6.77	#3.87	5.69	4.57	6.89	1.78	3.67	2.69	2.56	2.01	4.04	1.06	4.89	5.47	4.62	2.74	3.12	1.30	1.86	----	----	3.87	5.62	-----	-----	---
45	WATERLOO	A-4	USWB	430	56	6.52	4.73	3.86	4.52	#6.86	5.68	3.39	4.89	4.72	4.37	0.00	3.98	1.03	4.22	6.30	3.89	#2.57	2.99	1.20	3.38	4.12	3.72	3.02	5.35	43.59	51.72	0.0
621	YOUNGS STORE (NEAR)	B-4	TVA	790	8	8.60	8.14	3.60	6.56	6.64	6.69	3.53	4.01	2.79	3.98	0.67	3.31	2.02	4.48	7.50	3.98	2.29	3.47	1.50	2.14	4.40	6.28	3.81	5.67	47.35	58.71	0.0
462A	COLBERT STEAM PLANT (R)	B-4	TVA	479	1	9.94		4.01		5.81		2.96		3.01		0.30		1.33		8.12		1.27		1.40		3.89		2.86		44.90		---
462	BARTON	B-4	TVA	463	13	#8.65	6.92	4.25	6.72	5.05	6.44	2.30	4.04	2.54	3.59	0.15	2.75	#1.55	3.56	4.60	4.10	0.88	2.61	1.00	1.98	4.21	4.71	3.08	5.57	#38.26	52.99	0.0
	TENNESSEE RIVER - FLORENCE TO GUNTERSVILLE																															
48	FLORENCE, AT LOCK	B-4	USED	440	17	7.56	4.86	3.75	4.64	6.52	5.71	2.29	4.60	2.68	4.25	0.61	4.47	0.82	4.62	4.45	3.86	2.82	2.85	1.76	3.22	3.75	3.45	3.34	5.14	40.35	51.67	0.0
504	MUSCLE SHOALS	B-4	USWB	534	69	7.57	4.86	3.90	4.64	5.67	5.71	1.33	4.60	2.72	4.25	1.11	4.47	1.66	4.62	5.98	3.86	2.32	2.85	1.78	3.22	3.48	3.45	3.66	5.14	41.18	51.67	T
471	WILSON DAM	B-4	TVA	530	19	8.23	6.02	4.15	5.89	6.06	5.84	2.29	3.95	2.39	3.02	0.93	3.57	1.65	3.92	4.48	3.48	2.34	2.87	1.93	2.30	3.81	4.34	3.44	4.44	41.70	49.64	0.0
49	TVA NURSERY	B-4	TVA	505	18	8.79	6.06	4.09	6.08	5.78	5.88	2.41	4.12	3.27	3.11	0.85	3.43	1.88	4.01	5.87	3.72	2.30	2.70	1.81	2.35	3.72	4.28	3.69	4.33	44.46	50.07	0.0
369	IRON CITY	B-3	TVA	540	33	9.14	5.68	3.77	5.67	7.11	5.76	3.08	4.53	4.23	4.42	0.38	3.89	1.46	4.64	5.92	4.57	3.42	3.61	1.55	2.35	4.05	4.02	3.71	5.45	47.82	54.59	0.0
648	COLLINWOOD	B-3	TVA	950	4	6.31		4.17		7.69		4.05		2.56		0.41		2.22		6.11		3.07		1.74		3.52		4.00		45.85		T
681	OVILLA	B-3	TVA	990	5	8.38		3.10		6.66		4.00		2.37		1.93		3.05		4.15		2.74		1.28		3.43		4.25		45.34		0.0
51	LORETTO	B-3	TVA	774	25	9.72	6.40	4.85	5.73	8.55	6.64	2.92	4.72	3.49	4.21	0.70	3.51	2.04	4.77	7.93	4.23	3.40	2.92	2.48	3.03	4.20	4.53	3.51	4.82	53.79	55.51	T
691	LAWRENCEBURG	B-3	TVA	850	4	8.68		4.42		7.96		2.87		3.11		0.00		2.11		4.93		2.63		2.11		3.60		5.29		47.71		0.0
50	ETHRIDGE	B-3	TVA	975	17	7.58	6.23	3.37	6.05	7.38	5.20	2.89	4.04	2.38	3.56	0.14	3.24	3.09	4.60	4.37	3.69	2.88	2.93	2.14	2.45	3.36	4.51	3.50	4.50	43.08	51.00	T
644	NEWBURG	B-4	TVA	660	9	4.61	8.04	2.48	6.62	5.43	6.99	3.18	3.98	4.06	3.23	0.64	4.18	1.94	5.19	6.87	4.60	4.03	3.74	1.02	1.62	4.37	5.10	3.37	4.53	42.00	57.82	0.0
52	WHEELER DAM	B-4	TVA	580	17	8.03	6.42	3.77	6.15	6.97	6.31	1.93	3.92	2.52	3.02	1.49	3.52	2.36	4.53	6.06	3.59	3.18	2.51	2.55	2.20	4.09	4.34	6.05	4.82	49.00	51.33	0.0
682	SHOEMAKER SPRINGS	B-4	TVA	610	5	7.78		3.57		6.83		1.85		2.60		1.06		2.60		4.34		3.13		1.90		3.74		5.15		44.55		0.0
381	MOULTON (R)	B-4	TVA	630	14	6.11	6.02	2.78	6.13	4.25	6.39	1.38	3.19	2.31	3.00	1.45	3.89	0.40	3.80	6.82	4.28	2.72	2.68	1.97	1.36	3.35	3.81	3.19	4.09	36.73	48.64	---
53	CENTRAL TOWER	B-4	USFS	1500	18	5.39	5.83	2.63	5.66	5.43	6.81	#1.77	4.08	4.18	3.45	2.30	3.59	1.95	4.71	6.40	4.14	3.56	2.97	1.44	2.06	3.72	3.77	4.40	4.62	43.17	51.69	T
481	ADDISON (R)	B-4	USWB	875	15	5.41	6.24	----	----	6.22	6.11	1.24	3.75	2.56	2.62	4.58	4.33	1.00	4.79	----	----	----	----	1.60	1.95	2.97	3.95	4.76	4.16	-----	-----	---
62	ATHENS, ALABAMA	C-4	TVA	710	18	7.10	6.75	3.84	5.72	7.03	6.69	1.99	3.96	3.88	3.12	1.05	3.57	2.90	4.30	5.96	3.78	1.66	2.88	3.68	2.57	4.13	4.39	3.69	5.08	46.91	52.81	T
63	DECATUR	C-4	USWB	573	74	6.68	4.63	3.02	4.43	6.71	5.62	1.46	4.48	2.88	3.83	0.63	3.79	1.14	4.35	4.40	3.91	2.58	2.37	2.70	3.07	3.55	3.20	3.77	5.04	39.52	48.72	T
63B	DECATUR NO. 4	C-4	TVA	600	6	6.93	8.90	2.91	6.07	7.16	7.72	1.50	3.52	2.66	2.78	0.73	4.12	1.38	4.33	4.23	3.60	2.57	3.43	2.67	1.68	3.72	5.85	4.14	4.85	40.60	56.85	0.0
411	DECATUR NO. 2 SUBSTA.	C-4	TVA	588	14	6.55	5.92	2.64	5.49	6.56	6.22	1.54	3.53	2.48	2.45	0.75	3.33	1.00	4.24	5.04	3.52	2.64	3.33	2.82	1.73	3.38	4.15	4.18	4.38	39.58	48.29	0.0
503	DANVILLE	B-4	TVA	595	12	5.12	6.08	3.09	5.67	5.56	6.62	1.43	3.52	2.98	2.91	1.26	3.03	0.86	3.64	4.30	3.78	#2.93	3.84	2.15	1.91	3.29	4.48	4.33	4.66	37.30	50.14	0.0
384	FALKVILLE	C-4	TVA	620	14	6.58	5.77	2.92	6.45	7.11	6.31	1.69	3.49	2.61	2.90	3.79	3.95	0.81	4.62	6.24	4.21	4.00	3.38	2.20	2.02	2.71	4.11	4.25	4.46	44.91	51.67	T
513	GARDEN CITY	C-4	USWB	504	12	6.37	5.54	4.31	5.48	5.30	6.76	1.53	3.96	3.51	3.15	1.46	3.56	2.32	4.84	6.85	4.37	2.49	3.31	4.58	2.60	2.97	4.20	5.98	5.74	47.67	53.51	T
474	BELLE MINA (NEAR)	C-4	API	600	23	6.43	5.31	2.78	5.23	6.51	6.10	1.66	3.63	2.14	3.18	0.88	3.29	3.15	4.75	6.71	3.87	2.42	3.28	4.05	2.52	3.54	3.93	4.02	4.92	44.29	50.01	T
64	MADISON	C-4	USWB	670	59	6.03	4.63	3.24	4.58	6.47	5.73	1.69	4.83	3.24	3.99	1.84	4.26	1.34	4.62	6.85	3.79	2.37	3.01	5.44	3.39	2.99	3.52	4.54	5.36	46.04	51.71	T
65	HUNTSVILLE SUBSTA.	C-4	TVA	615	34	5.38	5.60	2.27	5.03	6.19	5.78	1.81	4.84	3.30	3.60	2.24	4.56	1.62	4.55	6.49	4.12	2.88	2.90	4.64	2.71	3.05	3.67	3.76	4.54	43.63	51.90	T
65A	HUNTSVILLE	C-4	USWB	620	12	6.14	4.73	2.70	4.60	8.58	5.76	1.56	4.82	4.10	3.99	3.48	4.31	1.80	4.69	8.59	3.91	4.05	2.96	4.81	3.32	3.39	3.46	4.58	5.41	53.78	51.96	T
66	CENTER GROVE	C-4	TVA	780	17	6.64	6.48	3.16	6.37	6.40	7.10	1.74	4.99	3.74	3.45	6.39	4.87	1.72	5.14	10.35	5.15	2.67	3.52	4.45	3.14	3.25	4.63	4.54	5.07	55.05	59.91	T
67	ST. BERNARD	C-4	USWB	802	46	5.96	5.51	3.57	4.92	6.65	5.97	2.10	4.84	4.97	4.49	2.16	4.27	1.33	5.32	7.41	4.66	3.60	2.79	3.01	3.74	3.22	3.72	5.16	5.53	49.14	55.76	T
576	FARLEY	C-4	TVA	641	11	5.67	5.89	2.42	6.38	6.83	6.89	1.72	3.95	3.15	3.21	1.02	3.58	0.90	3.38	5.74	3.03	2.49	4.13	4.51	2.27	3.79	4.29	#4.33	4.52	#42.57	51.52	T
530	MONTE SANO NO. 6	C-4	TVA	1650	12	5.82	6.94	3.42	6.01	8.02	7.15	2.73	4.16	#3.33	3.52	1.70	4.91	3.30	4.87	7.53	3.96	4.12	4.48	4.33	2.66	3.78	5.21	#4.37	5.48	#52.45	59.35	T
506	TONEY (R)	C-4	TVA	750	12	5.62	6.52	3.20	5.49	6.42	5.89	2.00	3.34	3.27	2.66	3.20	2.77	4.26	4.48	5.96	2.89	2.80	3.44	4.33	1.99	4.30	4.34	3.58	4.92	48.94	48.73	---
624	NEW MARKET (R)	C-4	TVA	774	10	#5.63	7.46	2.80	5.99	6.27	6.85	1.83	4.09	3.14	3.94	0.48	3.99	4.92	4.51	6.15	3.18	0.46	3.86	3.00	2.12	4.06	5.23	4.02	5.00	#42.76	56.22	T

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1952 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	TENNESSEE RIVER - FLORENCE TO GUNTERSVILLE (CONT'D)																															
585	ELORA	C-3	TVA	920	11	6.11	6.31	2.62	6.02	6.21	6.15	1.71	4.17	2.69	3.44	1.67	4.49	2.74	3.32	4.45	3.75	2.31	3.69	2.85	2.35	3.59	4.83	3.95	5.54	40.90	54.06	T
69	PAINT ROCK (R)	C-4	TVA	610	17	7.44	6.39	3.07	6.22	9.01	6.58	1.88	4.62	2.26	2.93	2.74	4.26	1.62	4.60	7.93	4.45	3.29	3.56	3.04	2.41	3.27	4.10	4.27	4.85	49.82	54.97	---
385	SWAIM	C-4	TVA	665	14	5.47	6.25	2.79	6.87	10.46	6.85	#1.79	4.14	2.31	3.76	1.48	4.30	1.24	4.55	6.08	4.23	1.29	3.25	2.82	2.18	5.02	4.64	4.73	5.18	#45.48	56.20	T
78	HYTOP	C-4	TVA	1500	18	5.91	6.81	3.48	6.52	11.30	7.15	#2.46	5.10	3.34	4.11	1.76	4.30	3.78	5.62	5.27	3.88	1.92	3.61	2.23	3.00	#4.76	5.00	#3.20	5.44	#49.41	60.54	0.0
	ELK RIVER																															
54	BETHEL	B-3	TVA	650	18	7.55	6.78	4.50	6.20	7.66	6.38	2.79	4.14	2.49	3.82	0.21	3.10	1.69	5.51	6.54	3.79	1.92	3.77	3.60	2.80	3.74	4.75	5.03	4.60	47.72	55.64	T
382	PULASKI	B-3	TVA	690	14	8.31	6.44	5.50	6.94	9.62	6.01	2.51	3.58	2.35	3.46	0.47	3.44	1.50	4.12	10.08	4.22	2.43	3.73	#2.95	2.21	3.66	4.62	#3.79	4.65	#53.17	53.42	0.0
56	LYNNVILLE (NEAR)	B-3	USWB	744	64	10.08	4.87	3.78	4.60	8.67	5.69	3.08	4.83	2.41	4.26	0.63	4.68	3.65	4.86	7.78	4.45	1.93	3.07	2.80	3.50	3.16	3.39	3.77	5.23	51.74	53.43	T
57	COLDWATER	C-3	USWB	645	57	6.95	4.97	3.93	4.64	7.45	5.93	1.52	4.98	4.54	4.35	1.42	4.26	1.18	4.19	4.70	4.24	3.37	2.96	3.19	3.46	3.31	3.70	4.45	5.65	46.01	53.33	T
581	BOONSHILL	C-3	TVA	680	11	8.74	7.60	4.44	6.83	6.25	6.35	2.46	3.67	2.26	3.78	3.36	3.63	0.52	3.98	6.07	4.12	3.95	4.24	2.60	2.25	3.87	4.69	3.99	5.42	48.51	56.56	0.0
58A	FAYETTEVILLE	C-3	TVA	700	1	ESTAB. JAN. 31		3.19		6.63		#2.10		3.72		1.61		1.77		#5.81		3.80		2.77		#2.93		4.06		-----		---
58	FAYETTEVILLE	C-3	USWB	695	37	6.45	5.20	3.30	5.24	6.67	5.61	2.33	4.11	3.77	3.97	1.94	3.59	1.65	4.74	5.35	3.72	#4.25	2.99	2.82	2.90	2.85	4.08	4.01	4.67	#45.39	50.82	T
605	BELLEVILLE	C-3	TVA	747	11	8.21	7.98	4.37	7.11	7.53	6.53	2.16	3.86	5.35	4.32	3.42	4.44	2.98	5.23	5.75	3.18	4.40	4.30	2.65	2.57	3.52	4.94	4.37	5.66	54.71	60.12	T
383	PETERSBURG	C-3	TVA	826	14	10.10	7.39	4.04	7.01	5.83	5.91	3.44	3.74	2.51	3.90	1.69	4.20	1.45	5.27	10.00	3.86	4.42	3.50	2.32	2.14	3.17	4.51	4.20	4.93	53.17	56.36	0.0
582	LYNCHBURG	C-3	TVA	780	11	8.01	7.49	3.94	6.38	8.37	6.60	2.07	3.52	3.86	3.89	1.11	4.10	2.95	4.27	5.61	3.81	4.26	4.79	2.41	2.22	3.15	4.87	4.10	5.59	49.84	57.53	T
60	BELVIDERE (R)	C-3	TVA	970	17	6.10	5.86	1.92	4.99	5.90	5.34	1.47	3.78	3.13	3.26	1.36	3.91	2.69	4.99	4.71	4.03	4.91	3.34	1.99	2.34	2.71	3.90	3.45	4.26	40.34	50.00	---
61	TULLAHOMA	C-3	USWB	1065	66	8.42	4.89	4.47	4.63	6.34	5.80	2.54	5.11	3.62	4.29	1.75	4.26	1.57	4.80	5.19	4.44	3.05	3.26	1.18	3.59	2.97	3.59	3.85	5.80	44.95	54.46	T
450	WINCHESTER SUBSTA.	C-3	TVA	960	13	6.36	6.37	3.43	5.49	5.29	5.61	1.90	3.74	3.59	3.83	4.39	4.51	1.96	5.36	6.39	3.98	3.56	3.66	0.99	2.53	2.62	4.18	3.18	4.70	43.66	53.96	T
701	HILLSBORO	D-3	TVA	1051	3	7.85		3.43		5.03		2.02		3.31		2.31		0.68		5.33		3.54		1.16		2.91		3.15		40.72		T
472	MONTEAGLE	D-3	USWB	1920	13	6.88	4.97	3.48	4.36	12.26	5.63	1.49	4.93	3.58	4.60	6.73	5.17	2.82	5.25	7.61	5.09	3.68	3.26	1.49	3.49	#3.03	3.87	4.45	5.21	#57.50	55.83	1.0
	TENNESSEE RIVER - GUNTERSVILLE TO CHICKAMAUGA																															
70	GUNTERSVILLE DAM	C-4	TVA	611	17	5.36	5.64	2.96	5.60	6.19	6.36	1.06	4.30	4.93	3.01	4.05	3.94	1.26	4.32	6.12	4.07	2.23	3.04	3.50	2.51	2.94	3.62	4.48	4.60	45.08	51.01	0.0
403	GUNTERSVILLE (R)	C-4	TVA	610	14	5.98	5.83	2.90	5.46	5.41	6.73	0.98	3.77	4.10	2.90	3.53	3.77	0.56	4.03	9.28	4.33	1.95	3.25	2.96	2.60	2.88	3.63	4.93	4.93	45.46	51.23	---
72	ALBERTVILLE	C-4	USWB	1050	27	4.73	5.15	#3.11	4.88	#5.34	6.29	1.08	4.66	4.23	4.21	1.69	4.24	3.52	5.01	11.04	4.41	2.72	3.17	2.65	3.27	3.11	3.72	4.18	5.36	#47.40	54.37	0.0
482	BOAZ (R)	C-4	USWB	1010	12	5.46	5.59	3.61	5.38	5.43	6.84	0.73	4.07	5.55	3.47	2.81	3.85	3.32	3.81	11.60	4.49	2.26	4.00	2.58	2.58	2.98	4.07	5.39	5.47	51.72	53.62	---
482A	BOAZ	C-4	USWB	1010	15	5.43	5.30	3.66	5.55	4.91	6.92	1.45	4.37	5.56	3.56	2.67	4.08	2.76	4.46	12.30	4.67	2.27	3.55	2.56	2.09	2.95	4.20	5.21	5.18	51.73	53.93	0.0
524	SAND MOUNTAIN STATE FARM	D-4	API	1195	12	5.37	6.00	3.32	5.91	6.21	7.37	2.19	4.42	3.97	3.35	1.98	3.85	0.45	4.08	8.86	4.66	3.97	3.76	2.51	2.73	3.13	4.47	5.88	6.11	47.84	56.71	1.5
483	COLLINSVILLE	D-4	USWB	825	15	5.32	6.06	3.31	6.32	#5.98	7.11	1.65	4.52	3.58	3.70	2.20	3.97	1.75	4.86	10.78	4.58	3.07	3.74	2.59	2.26	3.19	4.39	3.77	5.02	47.19	56.53	T
515	LEESBURG	D-4	USWB	636	60	5.75	5.16	3.10	5.33	7. 8	6.17	2.42	4.65	3.95	3.81	2.04	4.02	4.72	5.35	7.40	4.06	3.32	2.97	2.22	3.23	3.90	3.41	6.64	5.78	53.44	53.94	0.0
75	SOUTH HILL	C-4	TVA	980	17	5.27	6.65	3.16	5.86	5.53	6.63	1.65	4.83	5.15	3.75	2.81	3.80	0.68	4.59	8.47	4.58	5.09	3.43	3.08	2.76	2.87	3.92	5.33	5.36	49.09	56.16	T
79	FT. PAYNE (R)	D-4	USWB	920	12	#5.58	5.03	4.27	5.39	5.63	6.92	1.34	3.93	----	----	1.10	3.38	1.08	3.71	7.63	3.47	2.70	3.89	2.40	2.83	3.28	2.80	----	----	-----	-----	---
79A	FT. PAYNE	D-4	USWB	920	17	5.64	6.28	3.98	5.81	5.98	6.68	1.75	4.69	4.15	3.31	1.40	4.00	0.91	4.40	8.26	3.98	2.92	3.18	2.44	2.47	3.52	3.76	4.89	4.82	45.84	53.38	T
80	VALLEY HEAD	D-4	USWB	981	67	----	4.85	----	4.84	----	5.65	----	5.08	5.33	4.26	3.19	4.29	2.24	5.01	9.18	4.56	3.47	2.55	1.90	3.45	----	3.16	----	5.17	-----	52.87	---
386	SYLVANIA	D-4	TVA	1400	14	5.93	6.12	3.33	6.54	6.27	6.61	2.28	4.19	3.56	3.25	1.48	4.48	1.36	3.96	9.32	3.72	2.87	3.70	2.38	2.18	3.05	4.12	5.13	5.27	46.96	54.14	T
76	SCOTTSBORO	C-4	USWB	637	71	6.79	4.82	3.26	4.84	9.33	5.81	1.38	4.81	3.67	3.98	1.04	4.42	3.19	4.97	9.03	4.14	3.86	2.84	2.41	3.27	3.24	3.28	5.87	5.47	53.07	52.65	0.0
76A	SCOTTSBORO SUBSTA.	C-4	TVA	660	6	6.52		2.95		8.80		1.63		3.53		1.10		2.84		8.25		3.72		2.46		3.26		5.68		50.74		0.2
695	PLEASANT GROVE SCHOOL	D-4	TVA	633	4	4.49		2.40		10.84		1.15		2.87		1.51		1.13		4.35		3.89		0.75		3.60		#4.06		#41.04		T
387	FLAT ROCK (R)	D-4	TVA	1380	14	6.55	5.52	2.92	5.91	7.19	6.31	2.45	3.58	2.45	3.45	0.95	3.49	2.33	3.82	7.98	3.48	2.92	2.90	2.37	2.11	3.48	3.96	5.05	4.67	46.64	49.20	---
704A	WIDOWS CREEK STEAM PLANT (R)	D-4	TVA	612	3	6.79		2.27		7.02		1.59		3.74		0.65		1.43		6.45		2.44		2.38		3.60		4.93		43.29		---
83	BRIDGEPORT	D-4	USWB	690	56	5.26	4.81	2.59	4.84	8.01	5.96	2.12	4.68	3.20	4.18	1.14	4.17	3.66	4.89	6.27	4.06	3.34	2.65	2.44	3.25	3.68	3.32	4.39	5.37	46.10	52.18	0.0
84	SEWANEE	D-3	TVA	1925	59	6.67	5.34	3.29	4.98	8.52	6.14	2.57	4.79	4.17	4.23	1.11	4.79	1.95	5.43	10.31	4.72	3.74	3.16	1.92	3.22	3.64	4.15	4.95	5.11	52.84	56.06	T
451	JASPER SUBSTA	D-3	TVA	650	13	4.79	6.25	2.37	5.73	9.73	7.07	2.26	4.07	2.96	3.39	2.53	3.93	2.57	5.04	3.59	3.45	3.36	3.29	2.05	2.76	3.94	4.75	5.03	5.60	45.18	55.33	T
85	LOCKHART TOWER	D-3	TVA	2400	17	6.11	7.07	2.54	6.28	11.93	6.95	3.06	4.78	3.98	4.11	2.41	4.66	1.77	6.33	6.83	5.02	3.72	2.94	1.58	3.12	3.59	4.82	4.32	5.54	51.84	61.62	1.2
86	DUNLAP	D-3	TVA	730	29	5.60	6.02	3.97	5.01	9.85	5.60	1.64	4.48	2.81	3.34	2.13	4.26	2.98	5.40	6.25	4.11	4.06	3.30	1.03	2.81	3.11	3.66	4.92	5.10	48.35	53.09	0.0
438	CAGLE (R)	D-3	TVA	2120	13	5.31	5.95	3.91	5.27	7.04	6.01	1.86	3.90	3.47	3.13	3.64	3.59	1.18	4.35	8.69	4.40	3.45	3.21	1.44	2.73	2.88	3.81	4.18	5.04	47.05	51.39	---
389	COLLEGE JUNCTION	D-3	TVA	800	14	#4.64	5.59	2.26	5.52	7.15	5.70	1.83	3.71	3.23	3.60	6.39	4.29	0.78	4.33	6.68	3.85	3.13	3.19	0.86	2.41	2.42	3.90	4.33	4.80	#43.70	50.89	1.5
390	LITTON	D-3	TVA	980	14	7.12	5.93	2.56	6.06	6.37	5.71	1.60	3.90	3.30	3.63	6.25	4.34	0.90	5.64	5.49	4.34	1.46	3.24	0.87	2.25	2.56	4.22	4.49	5.21	42.97	54.47	1.1
452	HALES BAR DAM	D-3	TVA	690	13	5.42	5 21	2.07	5.24	7.03	5.84	2.63	3.69	1.78	3.02	2.77	3.89	3.15	4.39	4.81	3.11	2.71	3.05	1.45	2.37	3.18	3.94	4.22	4.71	41.22	48.46	T
692	SIGNAL MOUNTAIN	D-3	TVA	1720	4	6.20		2.87		8.95		3.36		3.25		1.82		3.43		4.30		4.48		2.10		3.97		4.62		49.35		T
669	RISING FAWN	D-4	TVA	820	6	5.60	6.93	2.61	4.93	6.49	6.79	3.01	3.45	3.55	3.22	2.71	4.33	4.20	5.50	6.12	3.37	2.79	4.05	2.42	3.10	3.49	5.30	4.96	4.71	47.95	55.68	T
391	LOOKOUT MOUNTAIN	D-4	TVA	2100	22	6.54	5.85	3.12	5.65	8.11	6.15	2.24	3.96	4.17	3.80	2.97	4.39	3.18	5.32	4.75	4.37	3.14	3.61	2.57	3.18	3.91	4.16	4.91	5.17	49.61	55.61	0.2
628	FLINTSTONE	D-4	PRIVATE	710	10	6.23	6.33	2.90	5.40	8.60	7.13	1.79	4.52	2.35	3.47	2.78	3.83	6.11	5.09	8.02	3.21	2.92	4.25	2.24	3.64	3.29	4.84	4.38	4.64	51.61	56.35	T
488	CHATTANOOGA AIRPORT (R)	D-3	USWB	671	74	6.35	5.26	3.25	4.88	8.57	5.78	1.56	4.85	3.31	3.79	1.02	4.16	3.35	4.25	4.41	4.03	2.65	3.11	1.51	3.01	3.79	3.36	4.62	5.13	44.39	51.61	T
566	CHICKAMAUGA PARK	D-4	USDI	789	12	6.30	6.07	3.05	5.74	7.84	6.56	1.51	3.85	2.02	3.14	2.79	4.13	3.80	6.19	6.92	4.16	2.51	4.01	2.12	3.14	3.37	4.20	4.63	5.37	46.86	56.56	0.0
722	KENSINGTON	D-4	TVA	820	-	ESTABLISHED AUGUST 13, 1952														----		2.95		2.49		2.96		5.34		-----		---
82	LAFAYETTE	D-4	USWB	810	18	#5.09	5.32	3.56	5.63	9.79	5.22	2.75	5.34	3.25	3.53	3.25	4.86	3.30	5.26	9.85	4.56	5.00	3.36	2.15	2.69	4.60	3.63	5.05	4.86	#57.64	54.26	T
721	RINGGOLD	D-4	TVA	820	-	ESTABLISHED AUGUST 13, 1952														----		3.03		1.18		3.27		4.54		-----		---
392	TUNNEL HILL	D-4	TVA	880	14	5.73	5.38	3.58	5.98	8.52	6.20	1.78	3.49	2.81	3.45	3.61	4.29	4.32	4.21	5.46	4.40	3.78	3.69	1.32	2.68	3.79	3.86	5.10	4.86	49.80	52.49	0.0
396	DALTON	E-4	USWB	800	15	5.21	6.51	3.74	6.05	10.10	5.65	3.45	4.93	3.29	4.03	6.67	4.15	2.67	5.11	6.22	5.12	3.64	3.11	1.10	3.06	3.95	4.06	#4.90	4.84	#54.94	56.62	0.0

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1952 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	CANEY FORK ABOVE ROCK ISLAND																															
88	ROCK ISLAND POWERHOUSE	0-3	TVA	900	48	7.17	5.19	3.06	4.73	5.36	5.80	2.04	4.17	5.25	4.12	6.80	4.45	3.48	5.20	3.06	4.25	2.97	3.59	0.86	3.03	2.78	3.60	4.01	4.87	46.84	53.00	T
665	SMITHVILLE	D-3	USWB	1030	9	6.28	5.38	2.84	4.57	6.44	5.99	1.95	4.56	2.99	3.94	8.10	4.57	1.23	4.93	1.80	4.63	2.79	2.91	0.78	3.11	3.25	3.81	3.92	4.41	42.37	52.81	1.2
439	DIBRELL	D-3	TVA	950	13	7.32	5.87	2.57	5.59	6.83	5.49	2.53	3.54	3.92	3.70	9.36	4.21	6.00	4.77	4.03	4.10	2.28	3.53	1.24	2.21	2.58	4.32	3.61	4.62	52.57	51.95	T
440	IRVING COLLEGE	D-3	TVA	1050	13	5.56	4.96	2.19	5.02	#4.69	5.04	#1.70	3.19	3.02	3.04	4.00	3.82	0.33	4.13	4.79	3.66	2.71	3.00	0.83	2.03	2.75	3.55	2.60	4.09	#35.17	45.53	T
441	ALTAMONT	D-3	TVA	1920	13	#7.18	6.58	3.33	6.15	6.87	6.24	1.93	4.23	3.90	3.59	9.07	4.27	2.55	4.35	6.92	4.08	2.75	3.49	0.55	2.34	3.34	4.37	4.01	5.37	#52.40	55.06	T
87	MCMINNVILLE	0-3	USWB	1015	70	5.82	4.80	2.81	3.94	5.47	5.48	1.80	4.42	4.30	4.02	5.73	4.41	1.66	5.17	4.36	4.16	3.69	3.36	1.00	3.39	3.03	3.30	4.02	4.96	43.69	51.41	0.8
87B	MCMINNVILLE	D-3	TVA	1000	11	5.71	6.65	2.48	6.22	5.21	5.35	1.96	3.35	4.88	3.93	6.80	4.26	2.91	5.09	3.17	4.11	3.66	3.80	0.98	2.12	2.85	4.32	3.91	5.16	44.52	54.36	T
442	TROUSDALE	D-3	TVA	980	13	6.77	5.84	3.32	5.88	6.40	5.29	2.39	3.37	2.98	3.35	4.37	3.70	0.95	3.90	4.35	4.28	2.35	3.36	0.98	2.21	2.94	4.11	3.51	4.72	41.31	50.0	T
443	SUMMITVILLE (R)	0-3	TVA	1120	13	7.11	6.23	2.88	6.09	5.48	5.78	2.54	3.55	3.06	3.62	1.00	3.71	1.63	4.09	5.40	3.91	2.75	3.25	0.86	2.35	3.04	4.18	4.53	4.81	40.28	51.77	—
437	ROCKY RIVER	0-3	TVA	900	13	5.65	5.49	2.47	5.57	5.75	5.45	2.39	3.56	2.84	3.46	5.06	5.01	2.24	4.91	3.63	4.51	1.56	3.37	0.93	2.35	2.50	3.89	3.53	4.41	49.15	51.98	0.6
432	SPARTA SUBSTA.	0-3	TVA	920	36	6.98	5.27	2.45	4.41	6.99	5.63	2.09	4.23	3.69	3.98	6.59	4.95	3.95	5.33	2.69	4.61	4.03	3.37	0.67	2.77	2.60	3.58	3.83	4.73	46.56	52.86	1.9
432A	SPARTA (NEAR)	0-3	USWB	900	13	7.50	6.91	2.18	5.85	6.39	5.08	2.60	3.85	3.81	3.90	5.08	4.12	2.73	4.67	2.19	4.11	3.12	3.75	0.68	2.34	2.50	4.63	3.44	4.80	42.22	54.01	0.5
433	TAYLORS	0-2	TVA	950	13	6.89	6.00	1.98	5.46	6.01	5.50	2.13	3.67	3.17	3.83	5.21	4.42	1.91	4.80	5.06	3.95	2.65	3.64	0.84	2.24	2.87	4.20	3.74	5.13	42.46	52.84	1.5
165	MONTEREY	D-2	USWB	1900	21	#7.05	5.27	3.27	5.42	6.97	5.94	3.12	4.57	3.80	4.53	3.65	4.88	1.05	5.36	2.05	5.79	2.69	4.00	0.81	2.80	3.71	3.99	4.66	5.10	#42.83	57.65	2.9
165A	MONTEREY (R)	0-2	USWB	1900	5	----	5.27	3.26	5.42	6.83	5.94	2.08	4.57	3.47	4.53	3.46	4.88	0.86	5.36	1.85	5.79	2.62	4.00	0.66	2.80	3.14	3.99	----	5.10	-----	57.65	---
434	EASTLAND	0-3	TVA	1750	35	6.82	5.93	2.80	5.12	6.36	6.42	2.19	5.01	5.40	4.10	5.12	5.29	2.20	5.63	3.44	4.68	2.47	3.71	0.81	3.22	3.02	3.57	3.94	5.42	44.57	58.10	0.5
435	HERBERT	D-3	TVA	1660	13	4.24	5.40	2.62	5.44	4.66	5.22	1.52	3.76	2.07	3.06	5.85	3.83	1.16	4.41	3.41	3.96	1.47	2.94	0.64	2.22	2.62	3.47	4.16	4.66	34.42	48.37	1.6
436	FALLS CREEK PARK	0-3	TVA	1500	13	5.40	5.38	2.73	5.67	5.10	5.22	1.38	3.67	4.02	3.43	6.71	4.07	0.54	5.69	4.49	4.43	2.21	3.36	0.31	2.49	3.21	3.84	3.36	4.98	39.46	52.23	T
	TENNESSEE RIVER - CHICKAMAUGA TO WATTS BAR																															
90	CHICKAMAUGA DAM	0-3	TVA	700	17	5.93	6.48	3.24	5.54	8.71	6.07	2.02	4.39	2.74	3.58	2.53	4.20	4.34	5.28	4.43	3.65	4.97	3.24	1.62	2.99	3.70	4.14	5.18	5.43	49.41	54.99	T
430	OOLTEWAH	0-3	TVA	765	13	6.45	5.82	3.25	5.18	8.47	6.21	2.11	3.46	2.25	3.15	1.97	3.84	3.99	5.10	2.08	4.64	3.58	3.46	1.02	3.10	3.80	3.80	4.63	5.19	43.60	52.95	T
393	LEWIS CHAPEL	D-3	TVA	1850	14	5.60	6.59	4.41	6.20	9.72	7.05	2.33	4.27	2.61	3.70	2.30	4.61	2.01	4.63	5.60	4.12	3.71	3.35	1.29	2.66	3.40	4.51	4.59	5.64	47.57	57.33	2.0
685	FRIENDSHIP SCHOOL	0-3	TVA	760	5	6.86		2.56		9.14		2.10		3.42		5.74		3.09		6.57		5.47		0.96		3.46		4.87		54.24		0.8
420	MORGANTOWN	0-3	TVA	740	13	4.17	5.84	2.55	5.30	9.58	6.47	1.85	4.27	2.11	3.49	4.49	4.70	1.49	5.64	8.15	4.40	3.89	3.50	0.67	2.83	2.88	4.28	3.84	5.39	45.67	56.11	T
92	MORGAN SPRINGS	D-3	TVA	1900	18	3.92	7.02	2.87	5.89	9.69	6.27	2.05	4.75	2.58	4.06	4.88	4.89	0.74	5.69	5.57	5.22	3.33	3.22	0.62	3.60	2.84	4.77	4.52	5.39	43.61	60.77	2.0
155	DECATUR	E-3	USWB	865	57	4.85	4.76	#2.82	4.85	#8.59	5.87	2.75	4.84	3.28	4.20	3.03	4.67	1.41	5.01	6.60	4.36	3.26	3.20	1.19	3.31	3.24	3.72	3.99	6.05	(a)45.01	54.84	T
[illegible]26	MURRAY STORE	E-3	TVA	950	-	ESTABLISHED NOVEMBER 21, 1952																				----		3.76		-----		---
156	BREEDENTON	E-3	USWB	700	57	4.85	4.76	#2.82	4.85	DISCONTINUED FEBRUARY 29, 1952						REESTABLISHED AT DECATUR, TENNESSEE MARCH 8, 1952														-----		---
427	RIDDLES STORE	E-3	TVA	980	13	6.13	5.73	2.44	5.26	6.88	5.75	1.80	3.70	3.50	3.49	2.69	3.75	4.00	5.91	6.94	4.42	3.42	3.46	0.56	3.13	4.15	4.04	3.92	4.81	46.43	53.45	1.0
494	PORTER LAKE	E-3	TVA	725	12	4.34	6.04	2.78	5.09	8.63	6.13	2.02	4.12	2.76	3.61	2.99	3.70	0.81	4.96	4.07	3.27	3.13	3.65	0.48	3.14	2.95	4.51	4.00	5.20	38.96	53.42	1.0
	TENNESSEE RIVER - WATTS BAR TO KNOXVILLE																															
421	WATTS BAR DAM	E-3	TVA	830	13	4.74	5.78	3.25	5.32	8.76	6.01	2.99	4.14	2.60	3.72	4.01	4.10	0.86	5.16	4.65	3.31	2.09	3.48	0.58	2.89	3.43	4.21	3.93	4.98	41.89	53.10	T
157	RODDY (R)	E-3	TVA	800	17	4.38	6.10	1.51	5.37	8.95	5.56	1.16	4.19	1.85	3.56	2.26	3.31	0.88	5.56	2.20	3.33	1.33	3.00	0.50	2.74	3.14	4.04	4.89	5.15	33.05	51.91	---
479	ROCKWOOD	E-3	PRIVATE	910	34	4.75	5.45	1.95	5.53	8.70	5.51	1.50	4.24	4.74	4.15	4.52	4.05	1.11	5.18	3.97	3.77	1.79	3.62	1.65	2.39	3.67	4.40	4.94	5.34	43.29	53.63	T
170	LOUDON	E-3	USWB	800	58	5.60	4.38	1.71	4.36	4.61	5.03	1.88	4.62	3.94	3.77	1.67	4.58	1.88	4.33	6.60	4.44	2.01	3.38	0.53	3.13	#4.11	3.44	#4.35	5.62	#38.89	51.08	3.0
490	FORT LOUDOUN DAM (R)	E-3	TVA	880	12	5.01	5.51	2.18	5.26	5.24	5.14	1.54	3.32	3.06	3.48	1.70	2.78	2.20	6.26	5.07	3.04	1.60	3.43	0.64	2.73	4.05	3.86	4.23	4.68	36.52	49.49	---
490A	FORT LOUDOUN DAM	E-3	TVA	880	12	5.20	5.53	2.35	5.31	5.55	5.15	1.34	3.34	3.09	3.51	1.76	2.82	2.06	6.32	4.79	3.06	1.63	3.50	0.75	2.70	4.11	3.90	4.35	4.66	36.98	49.80	3.0
637	U. S. COTTON FIELD STA.	F-3	USDA	885	18	5.58	5.70	2.05	4.94	4.91	5.15	1.81	3.82	3.23	3.49	2.58	3.55	3.52	5.45	4.13	3.64	3.90	2.72	0.90	2.42	4.34	3.65	3.71	4.11	40.66	48.64	18.0
409	KNOXVILLE AIRPORT (R)	F-3	USWB	984	14	4.56	4.66	2.11	4.51	3.87	5.05	1.12	4.14	3.32	3.75	1.98	4.10	2.64	4.36	4.57	3.92	1.94	2.68	0.63	2.62	5.27	3.07	3.99	4.52	36.00	47.38	18.2
[illegible]94	PROVIDENCE	F-3	TVA	1100	14	5.05	4.77	2.31	4.80	4.25	5.02	1.41	3.25	4.69	3.37	1.37	3.62	2.23	4.84	4.97	3.91	3.00	2.77	0.43	2.18	5.48	3.60	3.97	4.09	39.16	46.22	18.0
716	WILDWOOD (NEAR)	F-3	TVA	885	2	5.41		2.47		4.37		2.29		4.12		4.06		2.67		6.08		2.23		0.57		6.00		4.21		44.48		7.6
715	TOWNSEND	F-3	TVA	1047	2	5.16		1.77		4.35		2.94		5.28		5.42		3.20		6.10		2.74		0.43		4.90		4.19		46.48		12.0
473	UNIV. TENNESSEE FARM (R)	F-3	U.T.	800	15	5.01	4.97	2.01	5.46	5.73	4.99	1.49	3.80	2.97	3.82	2.54	4.06	4.86	6.05	3.35	3.76	#3.35	2.99	0.64	2.07	4.82	3.88	4.47	4.25	#41.24	50.10	---
473A	UNIV. TENN. FARM LYSIMETER PLOT	F-3	U.T.	850	33	4.80	4.70	1.90	5.00	5.74	5.15	1.36	4.15	3.07	4.00	2.24	4.25	5.24	5.38	3.47	4.26	3.30	2.91	0.60	2.54	4.32	3.62	4.33	4.72	40.37	50.68	18.0
207	KNOXVILLE (R)	F-3	USWB	1035	82	5.10	4.66	2.03	4.51	5.80	5.05	1.52	4.14	2.89	3.75	----	4.10	----	4.36	2.94	3.92	3.80	2.68	----	2.62	----	DISCONT. 11/6/52			-----	-----	---
651	UNIV. TENN. GEOLOGY BLDG.	F-3	U.T.	974	82	4.84	4.66	1.76	4.51	5.52	5.05	1.46	4.14	2.91	3.75	1.46	4.10	4.66	4.36	2.99	3.92	4.17	2.68	0.53	2.62	4.46	3.07	4.04	4.52	38.80	47.38	18.0
658	KNOXVILLE GARAGE	F-3	TVA	890	7	4.88	7.00	1.72	5.23	5.87	4.95	1.44	2.95	2.53	4.37	1.85	3.82	#4.80	5.37	2.72	3.50	3.87	2.74	0.47	2.29	5.11	4.83	4.56	4.54	#39.82	51.59	---
653	WHITTLE SPRINGS	F-2	TVA	1000	8	3.90	6.54	2.80	5.81	6.18	5.43	1.59	3.22	2.51	4.84	2.17	3.92	3.47	4.70	4.42	4.03	4.67	2.68	0.49	2.81	#5.40	3.95	4.77	4.69	#42.37	52.62	18.0
655	RITTA	F-2	TVA	1030	8	4.75	6.88	2.16	5.46	6.21	5.16	1.67	3.04	2.82	3.96	2.95	3.88	2.69	4.19	5.27	3.94	4.14	2.64	0.49	2.57	5.64	4.96	4.41	4.50	43.20	51.18	16.0
657	FOUNTAIN CITY	F-2	TVA	970	7	4.83	6.83	2.03	5.52	6.12	5.35	1.67	2.94	2.49	4.43	2.17	3.63	5.31	5.15	4.43	3.83	3.94	2.56	0.57	2.47	5.68	4.99	4.51	4.66	43.75	52.36	8.5
	CLINCH RIVER BELOW NORRIS DAM																															
158	KINGSTON	E-3	USWB	760	61	4.36	4.55	2.15	4.41	7.74	5.41	1.90	4.62	3.84	3.82	3.57	4.54	1.24	4.89	5.89	3.95	2.46	3.38	0.58	3.02	3.81	3.45	3.74	5.43	41.28	51.47	T
712	KINGSTON STEAM PLANT (R)	E-3	TVA	760	2	4.23		1.79		7.58		1.54		3.94		2.97		1.98		4.80		2.83		0.60		3.62		3.85		39.73		---
484	HARRIMAN (R)	E-3	TVA	765	31	4.92	4.84	1.81	5.11	8.38	5.87	1.39	4.40	4.93	3.90	2.10	4.21	0.68	5.68	3.97	3.43	1.71	3.13	0.10	2.58	3.92	3.88	4.73	4.85	38.64	51.88	---
705	MORGAN	E-3	TENN	1310	3	6.18		2.05		7.89		1.75		4.21		1.45		1.34		3.80		4.72		0.83		3.73		5.04		42.99		0.5
167	PETROS	E-2	TVA	1400	18	7.04	6.88	1.93	6.09	9.14	6.01	1.88	4.43	5.79	4.71	3.03	4.42	0.88	5.56	4.83	4.96	2.14	3.40	1.22	3.00	5.27	4.76	5.67	5.64	48.82	59.86	T
160	PILOT MOUNTAIN	E-2	TVA	1400	17	#6.06	5.76	2.62	5.06	5.18	4.89	2.42	3.52	4.72	4.26	2.99	3.77	0.91	4.56	5.49	4.67	1.67	3.05	0.90	2.41	3.91	3.58	2.97	4.26	39.84	49.79	2.3
465	SUNBRIGHT (R	E-2	USWB	1480	13	6.34	6.20	3.12	4.77	6.42	4.88	2.03	3.40	3.00	3.72	4.62	4.37	0.93	4.31	#4.40	3.99	#1.88	3.08	1.03	2.49	#3.23	4.02	3.53	4.69	#40.53	49.92	---
164	CLARKRANGE	0-2	TVA	1800	17	6.74	6.02	#3.10	4.82	5.14	4.90	2.26	3.66	3.78	3.65	3.34	3.82	1.04	4.61	3.18	3.99	2.76	2.99	0.79	2.24	3.25	3.97	3.07	4.42	#38.45	49.09	1.7
159	HEBBERTSBURG	E-2	TVA	1770	18	5.33	5.77	2.46	5.56	7.09	5.25	1.15	4.09	3.41	3.83	4.41	3.81	1.10	5.63	4.70	4.34	2.00	3.22	0.68	2.73	3.46	4.13	3.58	4.89	39.37	53.25	0.4
163	CROSSVILLE (NEAR)	0-2	USWB	1920	41	7.44	4.99	2.88	4.65	7.37	5.92	2.35	4.79	3.21	4.10	2.80	4.52	1.58	5.62	1.80	4.55	2.20	3.30	0.76	3.17	3.33	3.34	4.25	5.24	39.97	54.19	0.9
507	LANTANA (R)	0-3	TVA	1910	12	5.90	6.37	2.06	5.32	6.81	5.33	1.50	3.60	3.75	3.32	2.89	3.52	2.55	4.15	3.41	3.54	2.35	3.23	0.58	2.18	2.25	3.84	4.14	5.43	38.19	49.83	---
699	BIG LICK	D-3	TVA	1840	3	6.66		2.41		6.53		1.92		3.33		3.60		1.25		3.79		3.18		0.92		3.07		4.62		41.28		0.3
418	FRANKFORT	E-2	TVA	1460	13	5.35		2.22		6.18		1.13		4.45		1.05		1.87		4.70		2.88		0.73		2.73		3.52		36.81		2.0
417	CROSSVILLE	D-3	TVA	1850	14	6.11	5.57	2.83	5.46	7.56	5.66	1.88	3.58	5.62	3.71	2.32	3.76	1.70	3.98	2.88	4.07	2.66	3.15	0.67	2.50	2.88	3.85	3.93	4.88	41.04	50.17	0.5
166	CONCORD (NEAR)	E-3	TVA	1000	18	4.33	5.20	1.83	4.73	6.14	4.91	1.20	4.17	3.22	3.41	0.73	2.98	2.05	5.22	5.43	2.91	1.30	2.49	0.75	2.17	4.38	3.66	3.93	4.11	35.29	45.96	7.0

(#) Interpolated or partly interpolated. (R) Recorder at present. (a) Annual total, Breedenton and Decatur.

ANNUAL 1952 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	CLINCH RIVER BELOW NORRIS DAM (CONT'D)																															
508	PAULETTE	F-2	TVA	1050	12	5.12	5.56	1.71	5.11	7.37	5.24	1.78	3.10	3.61	3.56	1.82	3.43	4.03	4.72	5.87	4.14	2.44	3.50	0.87	2.55	3.77	4.25	4.00	4.38	42.39	49.54	12.2
710	WHEAT (R)	E-3	C&CCCO.	750	4	5.04		2.32		8.10		1.58		4.27		2.20		2.77		4.55		2.51		0.94		5.25		4.90		44.43		---
676	OAK RIDGE (NEAR) (R)	E-3	C&CCCO.	900	6	5.04		2.06		7.48		1.25		3.17		3.00		4.34		3.66		2.54		0.99		4.52		4.42		42.47		---
711	OAK RIDGE WB (R)	E-2	USWB	905	6	4.90		1.90		7.09		1.65		3.43		1.18		4.13		4.48		1.46		0.94		4.48		3.77		39.41		3.5
169	CLINTON TVA NURSERY	E-2	TVA	850	64	4.90	4.69	1.92	4.58	7.41	5.51	1.84	4.50	3.99	3.68	1.66	5.16	2.70	5.00	4.67	4.57	2.68	3.18	0.64	2.77	5.96	3.39	3.47	5.32	41.84	52.35	6.0
371	VASPER	E-2	TVA	1020	15	6.36	5.40	1.70	5.34	8.00	5.30	1.87	3.74	4.64	3.78	2.04	3.66	2.48	4.72	3.34	3.93	2.91	3.16	0.45	2.00	4.60	4.37	5.14	4.91	43.53	50.31	T
322	NORRIS EVAPORATION STA. (R)	E-2	TVA	1020	16	5.93	5.75	1.72	5.07	7.94	5.27	2.13	3.51	3.31	4.10	1.22	3.69	1.18	4.38	4.59	3.39	1.53	2.64	0.40	2.40	5.39	4.10	4.07	3.97	39.41	48.27	---
323	NORRIS DAM	E-2	TVA	875	19	6.04	5.50	1.79	5.02	7.78	5.49	2.14	3.44	3.71	4.22	1.73	3.57	1.63	4.39	5.05	4.12	1.64	2.88	0.46	2.30	5.16	4.00	4.25	4.34	41.38	49.27	---
	CLINCH RIVER ABOVE NORRIS DAM																															
584	TURLEY	E-2	TVA	1410	11	6.06	5.97	4.38	5.38	7.40	5.37	2.31	3.25	5.63	5.30	2.97	4.78	4.93	4.79	5.07	4.89	2.06	3.38	#0.89	2.57	4.48	4.65	5.21	4.63	#51.39	54.96	8.0
523	ELK VALLEY (NEAR)	E-2	USWB	1250	12	5.43	5.49	2.85	4.90	6.34	4.83	2.28	3.25	5.03	4.28	2.04	3.86	4.77	6.06	5.43	4.80	1.80	3.35	1.02	2.25	5.02	4.29	4.15	4.50	46.16	51.86	5.9
325	LAFOLLETTE	E-2	TVA	1065	19	6.95	5.23	4.01	4.71	7.94	4.79	2.54	3.53	4.44	4.07	2.58	4.31	1.97	5.07	3.15	4.59	1.55	2.60	1.09	2.20	6.19	3.98	5.42	4.16	47.83	49.24	4.7
423	WESTBOURNE SUBSTA.	E-2	TVA	1340	13	5.83	5.21	2.84	4.76	8.23	5.22	2.31	3.64	6.07	4.57	1.66	4.16	4.33	6.19	2.79	4.30	1.31	2.78	1.31	2.51	6.11	4.09	5.50	4.61	48.29	52.04	9.5
326	WELL SPRING	F-2	TVA	1040	15	5.63	4.69	2.74	4.84	7.45	4.83	2.15	3.21	3.06	4.11	1.25	3.79	3.43	4.91	2.65	3.66	1.30	2.60	1.10	2.33	5.75	3.77	4.34	4.03	40.85	46.77	4.0
333	ARTHUR	F-2	TVA	1150	17	6.69	5.77	2.88	5.09	7.70	5.08	2.84	3.42	3.71	3.58	2.30	4.04	2.59	5.48	4.90	4.57	2.03	2.84	0.68	2.49	5.40	3.83	4.06	4.20	45.78	50.39	6.7
334	MIDDLESBORO	F-2	USWB	1128	61	#6.67	4.43	2.78	4.20	10.71	5.30	2.11	4.38	3.82	4.05	1.91	4.56	0.87	4.84	5.60	4.17	1.19	2.61	1.12	2.49	4.51	3.37	4.45	4.47	#45.74	48.87	4.5
338	ROSE HILL	F-2	TVA	1475	19	7.44	5.85	2.62	4.81	7.52	5.28	2.25	3.69	3.08	3.94	2.80	4.53	2.45	5.58	5.12	4.59	0.92	2.79	0.55	2.53	4.20	3.73	2.40	3.88	41.35	51.20	7.3
487	BAXTER (NEAR) (R)	F-2	USWB	1175	13	5.88	5.08	3.20	4.22	5.96	4.36	3.33	3.31	5.69	3.67	2.89	4.36	2.43	5.35	6.10	4.84	1.92	2.98	0.70	2.23	4.89	3.54	3.79	4.08	46.78	48.02	---
339B	JONESVILLE NO. 2	F-2	TVA	1375	18	6.95	5.29	3.12	4.68	6.55	5.06	2.68	3.81	4.12	3.65	2.67	4.40	2.90	5.58	4.16	4.77	1.74	2.49	1.63	2.41	4.58	3.45	3.24	3.93	44.34	49.52	9.5
340	PENNINGTON GAP	F-2	USWB	1386	21	7.14	5.27	2.83	4.82	6.62	5.40	2.66	3.87	4.25	3.58	3.33	4.30	3.76	5.52	4.52	4.47	2.03	2.37	1.38	2.54	3.81	2.84	3.85	4.04	46.18	49.02	13.5
341	OLINGER	G-2	TVA	1400	18	6.84	5.36	2.51	4.31	6.12	4.95	3.45	3.55	5.08	4.10	2.77	4.45	3.15	5.16	2.88	4.65	1.86	2.82	0.83	2.41	4.24	3.37	2.74	3.81	42.47	48.94	11.5
344	HIGH KNOB (R)	G-2	TVA	4150	18	5.13	5.27	1.09	4.13	4.03	5.10	3.98	3.95	4.47	4.23	4.54	4.96	4.28	6.80	3.27	6.08	3.03	3.34	0.71	2.71	3.24	3.26	2.53	3.43	40.30	53.26	---
342	DUNBAR, VIRGINIA	G-2	TVA	2000	18	6.08	5.08	2.32	4.22	5.95	4.87	3.57	3.86	4.82	4.32	4.75	4.73	4.68	6.07	4.51	5.13	3.09	2.93	1.21	2.51	4.38	3.52	3.30	3.65	48.66	50.89	11.5
327	WHITE HOLLOW (R)	F-2	TVA	1500	18	5.57	5.16	1.96	4.67	7.01	4.64	1.74	3.02	3.85	3.62	1.14	3.35	1.10	4.55	3.29	3.18	1.76	2.22	1.04	2.22	5.11	3.68	4.10	3.98	37.67	44.29	---
563	WALKERS FORD	F-2	TVA	1080	12	5.43	4.86	2.21	4.89	6.69	4.84	2.04	2.98	4.18	3.98	1.46	3.32	2.04	5.05	3.36	3.62	2.61	2.70	0.79	2.48	5.47	4.16	3.86	4.10	40.14	46.98	7.2
335	TAZEWELL (NEAR), TENNESSEE	F-2	TVA	1330	47	5.82	4.85	2.28	4.54	6.10	5.04	2.02	3.97	5.15	4.04	1.05	4.03	2.63	4.71	3.90	4.64	1.79	2.97	0.70	2.70	#5.09	3.16	3.85	4.60	#40.38	49.25	13.5
336	BIG SYCAMORE (R)	F-2	TVA	2300	18	4.76	4.76	2.00	4.24	5.17	4.62	2.12	3.18	3.62	3.48	1.29	3.69	1.05	4.85	3.55	4.01	1.94	2.21	0.80	1.95	3.83	2.97	3.30	3.53	33.43	43.49	---
673	THORN HILL	F-2	TVA	1430	6	4.86	6.42	2.44	4.65	6.00	4.94	1.74	2.76	4.11	4.50	1.06	4.10	2.72	4.94	3.65	2.95	2.23	2.48	0.71	2.02	4.51	4.34	4.47	3.77	38.50	47.87	11.0
348	CLINCHPORT	G-2	TVA	1260	57	6.39	4.27	2.96	4.04	6.41	4.82	3.69	3.55	4.33	3.64	3.58	4.23	2.01	4.89	5.59	4.51	2.62	2.92	0.87	2.43	5.56	2.92	2.87	4.14	46.88	46.36	5.5
349	DUNGANNON	G-2	TVA	2500	18	5.48	4.59	1.73	3.77	5.63	4.23	2.90	3.08	6.42	3.32	3.34	4.07	7.48	6.09	5.97	4.30	2.20	2.83	0.91	2.26	4.44	2.90	2.14	3.35	48.64	44.79	12.3
350	DANTE	G-2	USWB	1765	36	6.33	3.94	1.82	3.60	5.44	4.47	4.09	3.54	#6.36	4.42	1.54	4.72	3.94	5.90	4.62	4.83	1.92	3.32	0.54	2.95	2.82	2.86	3.34	3.59	#42.76	48.14	13.2
351	CLEVELAND, VIRGINIA	G-2	TVA	1540	19	5.50	3.96	1.86	3.50	4.96	4.06	3.83	3.16	6.05	3.86	2.95	4.71	4.62	5.62	3.49	5.39	2.91	3.00	0.75	2.40	4.35	3.01	2.94	3.14	44.21	45.81	7.0
352	HONAKER (NEAR)	G-1	TVA	2200	18	6.05	3.93	1.93	3.49	4.40	4.00	3.70	3.35	5.34	4.14	2.39	4.60	4.20	5.37	3.53	4.95	4.70	3.45	0.74	2.71	4.27	3.03	2.62	3.01	43.87	46.03	17.1
614	HONAKER (R)	H-1	TVA	1950	11	4.48	3.74	1.80	3.59	4.73	3.85	2.64	2.92	4.39	4.27	2.40	3.89	3.37	4.44	2.99	4.24	3.42	3.40	0.61	2.28	4.07	2.79	2.77	3.22	37.67	42.63	---
355	SPRING CREEK (R)	H-2	TVA	2340	4	4.97		1.78		5.84		2.89		3.61		1.83		2.34		3.89		3.15		0.86		4.44		2.94		38.54		---
353	SWORDS CREEK	H-1	TVA	1900	18	5.79	3.82	2.11	3.44	5.06	4.01	3.38	3.36	4.84	4.25	2.86	4.09	3.97	5.47	2.80	4.59	3.62	3.09	0.54	2.35	4.22	2.66	2.81	2.90	42.00	44.03	8.9
356	JEWELL RIDGE	H-1	TVA	2750	18	5.52	3.75	1.80	3.37	4.94	3.98	3.93	3.22	5.91	3.89	3.68	4.76	2.91	4.95	3.14	4.79	3.12	2.75	0.55	2.52	3.99	2.91	3.05	2.87	42.54	43.76	19.4
357	TAZEWELL, VIRGINIA	H-1	TVA	2450	18	5.82	3.48	1.61	3.16	6.27	3.91	3.48	2.96	4.66	3.93	3.69	4.24	3.28	4.56	3.78	3.95	2.93	2.99	0.71	2.19	4.59	2.58	2.94	2.94	43.76	40.89	14.3
	HOLSTON RIVER																															
395	STRAWBERRY PLAINS	F-2	TVA	925	14	5.10	4.60	1.86	5.04	4.77	4.48	1.83	3.03	2.80	3.52	2.51	3.41	3.59	4.77	3.51	3.02	2.41	2.92	1.20	2.09	5.60	3.50	3.68	3.82	38.86	44.20	9.0
289	JOPPA	F-2	TVA	975	18	4.59	5.53	1.97	4.80	6.47	5.10	1.87	3.81	2.53	3.64	1.47	3.22	2.92	4.58	4.25	3.96	1.46	2.50	0.89	2.29	5.22	3.53	3.95	3.78	37.59	46.74	12.0
489	CHEROKEE DAM	F-2	TVA	1000	12	4.56	4.76	2.02	4.91	5.34	4.59	1.84	2.87	3.03	3.74	1.08	3.33	3.11	5.23	5.44	3.96	2.75	2.92	0.66	2.26	6.03	3.68	3.68	3.86	39.54	46.11	20.0
486	JEFFERSON CITY (NEAR) (R)	F-2	USWB	1200	32	3.91	4.30	1.81	4.05	2.84	4.16	1.60	3.43	3.18	3.54	0.42	3.61	3.50	4.83	----	----	----	----	0.56	2.67	4.50	2.67	----	----	-----	-----	---
579	JEFFERSON CITY EVAP. STA.	F-2	TVA	1200	11	4.36	4.96	1.87	5.03	4.54	4.65	2.13	2.82	3.61	4.13	0.33	3.11	3.63	5.00	4.08	3.93	3.09	3.34	0.73	2.11	5.55	3.77	3.65	4.18	37.57	47.03	24.5
290	MORRISTOWN (NEAR)	F-2	TVA	1325	18	4.55	5.28	2.48	4.93	5.48	5.07	2.34	3.41	3.48	3.61	1.61	3.61	2.95	5.62	5.99	4.43	2.23	3.09	0.73	2.28	6.10	3.74	3.41	3.90	41.35	48.97	12.2
346	FLAT GAP	F-2	TVA	2000	17	4.97	5.21	2.22	4.64	5.90	4.64	2.02	3.30	3.65	3.65	0.69	3.54	2.23	5.22	4.38	4.10	2.08	2.67	1.00	2.27	6.59	3.43	3.57	3.82	39.30	46.49	8.5
291	ROGERSVILLE	G-2	TVA	1090	68	4.89	3.86	2.25	3.71	4.66	4.58	2.75	3.57	3.18	3.74	1.14	4.17	4.72	4.65	3.47	3.99	2.12	2.83	1.12	2.63	5.77	2.59	3.24	4.22	39.31	44.54	10.6
727	JOHN SEVIER STEAM PLANT (R)	G-2	TVA	1112	-	ESTABLISHED DECEMBER 15, 1952																						----		-----		---
347	LITTLE WAR GAP	F-2	TVA	2000	18	5.32	4.94	2.59	4.25	5.94	4.96	3.26	3.55	4.93	3.57	2.56	3.59	4.48	5.76	4.12	3.88	2.20	2.78	0.93	2.30	5.94	3.36	2.99	3.72	45.26	46.66	10.2
516	STANLEY KNOBS (R)	G-2	TVA	1250	12	4.51	4.12	2.03	4.04	5.43	4.33	2.54	3.00	3.78	3.49	2.77	3.71	2.11	4.61	4.51	4.08	1.98	2.33	0.65	2.07	4.63	2.97	2.73	3.70	37.67	42.45	---
314	BIG KNOB (R)	G-2	TVA	3150	18	4.72	4.11	2.28	3.68	4.86	3.88	2.44	2.82	3.89	3.04	2.55	2.67	5.40	4.86	5.38	3.70	1.77	2.54	0.68	2.10	4.55	2.76	2.91	3.11	41.43	39.27	---
315	MENDOTA	G-2	TVA	1350	48	6.11	4.19	2.07	3.68	4.97	4.51	2.94	3.68	4.20	3.93	5.76	4.35	5.53	5.07	7.19	4.41	2.33	3.05	0.70	2.89	5.04	2.74	2.94	3.83	49.78	46.33	9.1
316	HOLSTON	G-2	TVA	3450	18	4.37	3.80	1.23	3.56	4.70	3.78	2.72	2.86	3.74	3.66	2.47	3.69	2.60	4.78	2.26	3.78	2.63	2.52	0.45	2.50	3.50	2.68	3.10	3.10	33.77	40.71	17.8
318	SALTVILLE	H-2	USWB	1735	31	4.36	3.60	1.25	3.61	4.68	4.43	1.92	3.04	3.17	3.81	2.25	4.26	2.43	5.03	2.57	4.38	2.29	2.94	0.70	2.82	4.50	2.55	2.75	3.49	32.87	43.96	10.3
318A	SALTVILLE	H-2	TVA	1725	12	4.95	3.68	1.50	2.97	4.75	3.71	2.25	2.53	3.97	4.56	2.12	3.87	2.67	4.20	2.12	4.58	2.15	3.01	0.57	1.89	3.84	2.70	2.73	3.25	33.62	40.95	6.0
320	BURKES GARDEN	H-1	USWB	3075	57	4.86	3.68	1.70	3.58	4.91	4.63	3.04	3.60	3.18	4.13	2.78	4.70	2.27	4.62	4.18	4.42	2.70	3.33	0.89	2.95	3.76	2.88	3.00	3.52	37.27	46.04	15.6
693	FALL BRANCH	G-2	TVA	1460	4	4.48		2.25		4.41		3.50		2.03		2.13		1.61		4.47		3.04		0.90		4.54		2.72		36.08		9.2
293	KINGSPORT	G-2	USWB	1270	31	4.52	3.65	2.70	3.80	4.25	3.81	4.17	3.47	3.61	4.09	3.55	3.83	3.38	5.10	3.50	4.29	2.39	2.72	0.76	2.62	4.92	2.45	2.74	3.96	40.49	43.79	19.4
717	FORT PATRICK HENRY DAM	G-2	TVA	1220	1	4.23		1.96		4.19		4.88		2.62		3.58		2.24		3.55		2.09		0.86		5.07		2.76		38.03		---
707	BOONE DAM	G-2	TVA	1375	2	4.15		1.66		4.29		3.14		1.99		2.76		0.72		3.97		2.26		0.61		5.04		2.93		33.52		---
376	BRISTOL AIRPORT (R)	G-2	USWB	1545	15	4.09	3.65	2.14	3.80	3.58	3.81	3.44	3.47	2.03	4.09	2.23	3.83	1.06	5.10	3.06	4.29	2.35	2.72	0.60	2.62	4.86	2.45	2.83	3.96	32.27	43.79	19.2
688A	NORTH BRISTOL SUBSTA., VA.	G-2	TVA	1740	5	4.81		2.14		4.84		2.08		3.56		4.04		3.80		7.74		2.26		0.42		4.87		2.91		43.47		16.0
495	BRISTOL, VIRGINIA	G-2	USWB	1800	20	4.19	2.93	2.06	3.48	#4.17	4.22	2.01	2.96	3.10	3.41	2.71	4.26	3.98	5.10	6.21	3.80	3.18	2.68	1.00	2.12	4.54	2.74	3.38	3.51	#40.53	41.21	19.5
688	BRISTOL (NEAR), VIRGINIA	G-2	TVA	1920	4	4.96		1.35		5.29		1.88		3.18		3.51		3.40		7.19		2.39		0.62		4.57		3.05		41.39		20.3
307	WALLACE (NEAR)	G-2	TVA	1885	17	4.96	4.20	1.77	3.37	4.71	3.46	2.39	2.63	3.86	3.58	4.38	3.77	2.41	4.98	5.06	4.35	1.79	2.80	0.66	2.03	5.00	2.62	2.90	2.91	39.89	40.70	14.5
306	BLUFF CITY	G-2	TVA	1540	56	4.33	3.70	1.23	3.59	3.55	4.35	3.59	3.35	3.48	3.80	3.13	4.12	2.66	5.55	4.53	4.43	1.79	2.92	0.60	2.50	6.06	2.56	3.33	3.53	38.28	44.40	13.3

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1952 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs.of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	HOLSTON RIVER (CONT'D)																															
597	SOUTH HOLSTON DAM	G-2	TVA	1520	7	4.65		1.53		3.21		3.60		4.34		3.92		1.44		5.96		2.44		0.81		4.89		2.92		39.71		15.0
308	CRANDULL	B-2	TVA	3405	18	6.11	4.71	2.19	4.05	3.28	4.36	3.24	3.66	#5.09	5.06	3.42	4.48	2.92	6.11	5.20	5.01	2.01	3.49	0.67	2.64	5.05	3.30	3.28	3.64	#42.46	50.51	35.5
604	ABINGDON (R)	B-2	TVA	2000	11	4.84	4.27	1.95	3.91	4.24	4.16	2.13	2.92	3.69	4.51	3.76	3.74	5.91	5.54	3.99	4.93	1.60	2.88	0.77	2.04	4.62	3.04	2.74	3.44	40.24	45.38	---
317	EMORY	H-2	USWB	2150	24	----	3.54	----	3.31	----	4.12	----	3.05	DISCONTINUED APRIL 12, 1952																-----	-----	---
312	MARION	B-2	TVA	2200	46	4.77	3.33	1.45	3.34	3.85	3.81	2.19	3.05	2.98	4.04	1.76	4.69	4.76	4.74	3.80	4.48	2.11	2.83	0.71	2.38	4.14	2.46	2.23	2.89	34.75	42.04	11.2
613	GROSECLOSE	H-2	TVA	2570	10	4.53	3.70	2.04	3.05	4.34	3.58	2.59	3.02	4.37	4.57	1.62	3.36	2.71	4.40	6.10	4.97	1.73	3.30	1.02	2.04	3.76	3.05	2.38	3.06	37.19	42.10	16.4
613A	GROSECLOSE (R)	B-2	TVA	2590	3	4.85		1.95		4.26		2.52		3.81		1.05		5.15		4.79		2.01		0.67		3.41		2.26		36.73		---
313	WYTHEVILLE	B-2	USWB	2299	77	3.33	3.08	2.89	2.99	4.31	3.44	2.42	2.99	2.54	3.66	1.47	4.20	4.10	4.00	6.16	4.19	1.16	3.30	1.18	2.84	3.24	2.14	2.32	2.92	35.12	39.75	10.2
309	DAMASCUS	H-2	USWB	1950	26	5.24	3.37	2.11	3.66	4.23	3.92	2.42	3.35	4.00	4.32	3.48	4.07	4.12	5.72	7.53	4.46	1.52	3.32	0.69	2.37	4.47	2.42	2.92	2.95	42.73	43.93	19.9
310	LOVES MILL	H-2	TVA	2060	18	5.03	3.92	1.44	3.15	3.48	3.52	2.40	2.93	4.88	4.57	2.34	4.03	4.54	5.17	4.00	4.52	1.89	2.85	0.70	2.18	4.02	2.57	2.26	2.82	36.98	42.23	11.4
311	TROUT DALE	B-2	USWB	3120	18	5.01	4.01	3.07	3.64	5.21	4.27	3.78	3.64	4.27	4.34	1.56	4.03	5.40	6.01	4.75	4.99	1.22	3.32	1.12	2.52	4.85	3.14	3.49	3.30	43.73	47.21	18.9
408	SUGAR GROVE	H-2	USFS	2680	14	#4.31	3.23	1.89	2.99	4.04	3.47	2.81	3.08	3.23	3.97	1.82	3.86	5.16	5.03	6.66	4.83	0.96	2.54	0.80	1.80	3.69	2.66	2.91	2.92	#38.28	40.38	---
294	CEDAR CREEK	O-2	TVA	1750	18	3.84	4.11	2.04	3.73	3.78	4.24	2.93	3.06	2.18	3.35	2.21	3.58	2.50	5.61	3.33	3.68	1.77	2.97	0.69	2.28	5.35	2.90	3.02	3.27	33.64	42.78	15.6
689	JOHNSON CITY SUBSTA.	G-2	TVA	1580	5	4.48		2.02		3.55		2.28		4.14		2.45		1.47		3.85		1.76		0.28		4.29		2.93		33.50		10.5
416	JOHNSON CITY VETERANS HOSPITAL	G-2	TVA	1730	35	4.58	3.55	1.73	3.40	3.41	4.12	2.69	3.22	5.45	3.92	2.03	4.16	3.46	5.11	5.12	4.27	1.45	2.84	0.64	2.42	4.89	2.63	3.33	3.44	38.78	43.08	17.2
652	JOHNSON CITY ETSC (R)	G-2	ETSC	1700	4	#4.10		----		2.38		2.37		4.83		1.61		2.79		----		----		----		----		----		-----		---
295	ELIZABETHTON NO. 2	G-2	TVA	1512	61	4.06	3.44	1.63	3.30	3.27	4.22	3.33	3.31	3.21	4.14	3.64	4.87	1.74	5.24	3.18	4.44	1.93	2.94	0.46	2.49	4.82	2.30	3.14	3.33	34.41	44.02	10.9
225	STONE MOUNTAIN	G-2	TVA	2590	18	5.04	4.54	1.21	4.31	4.92	5.02	3.55	3.64	1.59	3.75	1.79	4.73	3.90	6.72	2.35	4.12	0.89	3.15	0.10	2.42	6.11	3.42	3.78	3.46	35.23	49.28	18.0
708	ROAN MOUNTAIN	G-2	TVA	2585	2	3.84		1.23		4.18		1.76		1.89		3.58		2.16		4.36		1.04		0.33		4.43		2.99		31.79		22.1
686	HAMPTON	G-2	TVA	1825	5	3.94		1.39		3.35		3.59		2.94		2.26		1.43		4.55		1.03		0.00		4.70		3.11		32.29		11.8
596	WATAUGA DAM	G-2	TVA	1714	6	5.67	4.96	2.25	3.36	4.10	4.33	3.22	3.56	3.56	4.10	2.23	5.04	3.55	5.50	4.92	5.28	1.70	2.97	0.41	2.05	4.96	4.16	3.89	3.53	40.46	48.84	9.3
297	COLESVILLE	G-2	TVA	2130	18	4.14	3.98	1.77	3.74	3.89	3.65	3.02	2.72	5.11	3.87	3.87	4.11	3.29	5.03	3.82	4.53	1.73	3.14	0.25	2.17	4.93	3.11	2.87	3.27	38.69	43.32	17.6
491	BUTLER (R)	G-2	TVA	2070	12	4.65	3.79	2.38	3.28	3.96	3.85	2.92	2.94	3.73	4.06	2.51	4.39	3.56	5.81	4.20	3.84	1.78	2.97	0.52	1.83	3.28	2.92	3.62	3.25	37.11	42.93	---
609	TRADE	B-2	TVA	3530	10	5.09		3.25		4.55		3.73		2.75		3.45		2.89		5.95		1.28		0.79		4.52		3.02		41.27		34.0
301	MOUNTAIN CITY	B-2	TVA	2410	44	4.22	3.75	2.38	3.47	4.33	4.24	2.33	3.43	3.57	4.10	2.59	4.53	2.65	5.72	7.36	4.93	1.47	3.01	0.40	2.52	3.60	2.37	2.45	3.30	37.35	45.37	14.5
304	PARKER	H-2	USWB	3950	35	4.99	4.20	3.68	3.50	4.68	4.60	2.89	3.90	3.29	3.90	4.69	5.90	2.52	5.20	6.73	5.80	1.85	3.60	0.65	3.30	4.14	2.20	3.16	3.60	43.27	49.70	40.3
305	JEFFERSON	B-2	USWB	2900	47	4.20	3.20	4.20	3.40	6.80	4.20	3.45	3.80	1.79	4.40	1.65	5.00	5.78	4.90	6.92	5.20	0.96	4.20	1.12	3.90	4.30	2.60	2.86	4.20	44.03	49.00	20.3
298	ODOMVILLE	G-2	TVA	2760	18	5.42	4.04	2.78	3.73	5.08	4.19	2.77	3.39	3.55	4.27	2.56	4.67	2.71	6.62	3.97	4.32	1.52	3.14	0.44	2.45	4.23	3.17	3.73	3.09	38.76	47.08	19.5
299	BANNER ELK	B-2	USWB	3710	45	3.61	3.72	4.28	3.78	5.55	5.33	3.20	4.24	1.89	4.85	2.76	5.37	3.87	6.26	4.17	5.85	1.50	4.43	1.28	4.91	3.97	2.60	3.37	4.59	39.45	55.93	16.6
300	REESE	B-2	TVA	3320	18	4.88	3.84	2.08	3.75	4.07	4.14	3.27	3.37	2.59	4.32	2.66	4.10	2.67	6.00	5.27	4.80	1.75	3.34	0.57	2.83	3.44	3.13	2.88	3.06	36.13	46.68	23.5
607	MAST	B-2	TVA	2670	10	3.56	3.57	2.20	2.67	4.88	3.94	2.42	3.10	1.59	3.72	2.41	4.33	3.52	4.46	5.96	3.83	0.80	3.36	0.59	2.47	3.45	3.49	2.53	3.21	33.91	42.15	21.2
694	RICE MOUNTAIN GAP (R)	H-2	TVA	4350	6	5.21	4.80	4.04	3.52	6.00	5.20	4.00	4.29	2.36	4.01	4.18	5.64	2.70	4.26	5.70	5.70	1.87	4.39	1.49	3.56	5.38	5.98	3.72	4.07	46.65	55.42	---
303	BOONE	H-2	USWB	3250	24	3.20	3.64	4.30	3.15	8.22	5.03	3.97	4.40	3.50	4.59	3.00	5.93	4.39	6.05	6.96	6.18	1.93	4.23	1.38	6.02	5.88	2.94	3.74	5.24	50.47	57.40	26.9
632	BLOWING ROCK	H-2	USWB	3600	9	3.98	3.97	----	----	----	----	----	----	----	----	2.33	5.23	----	----	7.79	6.69	----	----	----	----	----	----	----	----	-----	-----	---
	HIWASSEE RIVER BELOW HIWASSEE DAM																															
93	BIG SPRING	E-3	TVA	720	18	6.10	6.41	2.85	5.24	8.37	5.88	2.00	4.33	3.30	3.84	1.39	4.02	0.97	5.16	6.01	4.44	4.14	3.30	0.64	2.99	3.51	3.98	3.93	4.83	43.21	54.42	T
429	CLEVELAND SUBSTA.	E-3	TVA	850	13	5.89	5.58	2.64	5.10	7.24	6.17	1.75	3.54	2.96	3.74	3.94	4.01	1.51	3.99	4.26	3.54	2.38	3.42	0.60	3.17	3.87	4.28	4.80	5.18	41.84	51.72	T
98	CHARLESTON	E-3	TVA	720	60	6.26	5.05	#4.16	4.99	8.85	5.87	2.20	4.51	2.81	3.91	4.13	4.69	3.96	4.72	6.23	4.05	3.47	3.01	0.84	3.03	3.89	3.56	6.09	5.02	52.89	52.41	T
428	ATHENS SUBSTA.	H-3	TVA	940	13	6.92	5.90	3.00	5.15	6.42	6.09	1.85	3.57	3.24	4.01	2.66	3.61	3.15	5.17	6.15	4.59	3.62	3.95	0.86	3.19	4.62	4.10	4.78	4.99	47.27	54.32	2.0
C17	NEW BETHEL (R)	H-3	TVA	900	8	6.26	6.44	3.48	4.82	6.83	5.52	1.75	3.08	2.89	3.92	2.86	4.18	1.85	3.66	6.59	4.36	2.52	3.69	0.68	3.07	4.16	5.10	4.26	4.62	44.13	52.46	---
C19	DOUBLE SPRINGS (R)	E-3	TVA	820	9	5.95	6.90	2.72	4.91	7.89	6.28	2.03	3.29	2.15	3.96	2.06	3.89	2.27	4.11	4.91	4.02	2.60	4.06	0.63	2.99	3.80	5.04	4.71	4.72	41.72	54.17	---
C11	ENGLEWOOD	E-3	TVA	820	9	5.05	6.77	2.10	4.78	6.17	5.68	1.67	3.29	1.94	3.91	2.41	3.52	3.35	4.95	6.48	3.79	2.86	3.93	0.61	2.95	3.53	4.85	4.36	4.49	40.53	52.91	2.0
C5	HICKORY GROVE (R)	E-3	TVA	1040	9	6.49	7.08	2.80	5.10	7.34	5.92	1.83	3.55	2.56	4.53	5.00	4.64	2.14	4.09	7.63	4.03	3.03	3.94	0.83	3.02	5.20	4.90	4.46	4.77	49.31	55.57	---
C7	CENTER	E-3	TVA	980	9	6.54	7.22	2.71	5.00	6.44	5.56	1.94	3.31	2.50	3.97	3.08	3.43	1.26	4.85	5.28	3.63	2.38	4.13	0.72	3.10	4.14	4.82	4.18	4.49	41.07	53.51	4.0
99	PARKSVILLE DAM	E-3	TVA	750	28	6.60	4.83	2.32	4.70	6.96	5.69	2.75	4.20	3.28	4.01	3.43	4.91	1.25	5.01	4.78	3.95	2.71	3.04	0.80	2.73	3.71	3.37	4.68	4.64	43.27	51.08	0.0
627	CONASAUGA (NEAR)	E-3	USWB	775	9	6.04	6.38	2.39	5.27	6.85	6.34	3.26	3.63	3.65	3.59	2.96	3.70	2.51	4.18	4.81	2.93	4.17	3.99	0.59	3.04	3.68	4.88	4.61	4.34	45.52	52.27	0.0
690	DOUBLE SPRINGS GAP (R)	E-4	USWB	1000	7	6.15		2.36		6.83		2.48		5.51		3.15		2.57		4.81		2.88		0.54		3.45		4.86		45.59		---
100	OCOEE NO. 2 POWERHOUSE	E-3	TVA	860	38	6.63	5.04	2.76	4.67	6.74	5.81	2.56	4.26	5.52	4.07	3.61	4.23	2.25	5.40	3.08	4.23	2.90	3.24	0.97	3.07	3.81	3.74	4.96	4.82	45.79	52.58	2.0
101	SASSAFRAS KNOB (R)	E-3	TVA	3300	18	6.36	6.34	2.36	5.60	8.91	6.41	1.36	4.63	4.78	4.01	3.02	4.17	1.64	5.67	8.52	4.83	3.03	3.39	0.80	3.12	3.38	4.16	4.96	5.17	49.12	57.50	---
501A	DUCKTOWN (R)	E-3	TVA	1700	13	5.84	4.92	1.62	4.49	8.10	5.99	1.34	3.14	3.94	3.66	4.29	4.46	1.45	5.14	9.54	4.41	2.39	2.96	0.51	2.95	3.12	3.54	4.65	4.62	46.79	50.28	---
107	COPPERHILL	E-4	USWB	1624	39	6.19	5.28	2.52	4.70	10.75	5.28	1.89	4.95	4.24	4.09	3.58	4.22	1.85	5.22	10.64	4.34	2.16	3.41	0.66	2.90	3.25	3.22	5.13	5.96	52.86	53.57	2.4
431	COPPERHILL NO. 2 SUBSTA.	H-3	TVA	1600	17	6.48	6.12	2.62	5.22	10.74	6.64	1.89	4.24	4.61	3.73	4.53	4.46	2.21	6.17	10.89	4.85	2.52	3.22	0.64	2.92	3.48	3.55	5.27	5.10	55.88	56.22	4.5
109	FLAT TOP (R)	E-4	TVA	3650	18	10.27	10.04	6.38	8.43	17.35	9.34	5.48	6.44	6.28	4.99	6.89	6.32	0.79	8.16	15.53	6.23	3.64	4.46	0.87	3.96	6.47	6.23	7.68	7.95	87.63	82.55	---
110	BLUE RIDGE DAM	E-4	TVA	1560	32	7.22	5.66	3.58	5.20	11.04	6.30	2.59	4.86	3.42	4.33	2.98	4.22	0.90	5.30	9.35	4.37	3.64	3.09	0.79	2.68	3.47	3.72	5.29	6.05	54.27	55.78	4.0
111	STANLEY GAP (R)	H-4	TVA	2300	18	6.68	6.86	2.72	5.96	8.86	7.02	2.65	5.05	4.21	3.87	3.19	4.23	0.30	5.62	5.64	4.68	3.71	3.06	0.55	2.71	4.62	4.32	6.28	5.71	49.41	59.09	---
112	NOONTOOTLA CREEK	E-4	TVA	1960	18	6.97	6.36	4.16	6.29	10.71	7.35	4.44	5.16	4.36	4.36	3.87	4.70	1.46	6.00	7.18	5.45	4.55	3.31	0.32	3.11	4.26	4.03	6.40	5.40	58.68	61.52	T
633	DIAL POST OFFICE	E-4	TVA	1900	5	8.48		3.52		10.41		3.51		4.78		3.01		1.25		7.48		4.68		0.77		4.05		6.39		58.33		T
115	SUCHES	E-4	TVA	2800	18	7.67	7.68	4.91	7.06	17.49	8.73	5.72	6.27	5.20	5.12	2.34	5.24	2.07	7.10	9.65	7.51	5.41	4.42	1.76	4.53	6.07	5.72	7.74	6.98	76.03	76.36	5.3
120	COKER CREEK	E-3	TVA	1650	18	6.76	6.10	2.41	5.40	7.36	6.44	1.84	4.36	3.93	4.07	6.76	4.46	2.22	5.57	8.09	4.60	2.33	2.80	0.63	2.58	5.03	4.05	5.64	4.79	53.00	55.22	11.0
638	APALACHIA POWERHOUSE	E-3	TVA	880	9	6.21	6.44	2.32	6.00	6.77	6.28	1.96	3.93	4.58	4.36	4.99	4.27	0.87	5.23	4.46	3.95	2.14	3.53	0.94	2.91	4.21	4.67	4.97	4.82	44.42	56.39	---
575	FARNER (R)	H-3	TVA	1600	11	6.69	6.02	2.04	5.61	8.04	6.93	1.50	3.72	3.91	4.26	10.29	4.77	1.72	5.82	4.86	4.11	2.37	3.64	0.59	3.06	4.48	4.32	5.14	5.64	51.63	57.90	---
121	TURTLETOWN	E-3	TVA	1600	18	7.73	6.21	3.72	5.77	8.59	6.84	2.17	4.52	3.79	3.79	7.71	4.60	1.40	5.53	5.22	4.41	2.61	3.09	0.65	2.96	5.10	3.97	4.91	4.90	53.60	56.59	5.7
575A	APALACHIA DAM (R)	E-3	TVA	1176	11	5.99	5.74	1.84	5.62	7.74	7.00	1.45	3.49	DISCONTINUED APRIL 30, 1952																-----	-----	---

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1952 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs.of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Y E A R		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	HIWASSEE RIVER ABOVE HIWASSEE DAM																															
125	HIWASSEE DAM (R)	E-3	TVA	1500	15	6.01	5.43	2.14	5.19	8.34	6.54	1.22	3.97	4.47	3.91	6.03	4.61	2.52	5.44	8.51	4.04	2.97	2.80	0.60	2.49	4.02	3.69	4.33	4.68	51.16	52.79	---
125A	HIWASSEE DAM NO. 2	E-3	TVA	1310	13	5.81	5.56	2.30	5.14	8.12	6.87	1.36	3.64	4.69	4.03	6.65	4.43	2.13	5.32	8.09	4.28	3.02	3.16	0.71	2.62	4.11	3.88	4.17	5.01	51.16	53.94	5.0
126	BEAVERDAM CREEK	E-3	TVA	1900	18	8.25	7.34	2.56	6.24	9.18	7.82	1.35	5.33	5.74	4.68	3.42	5.25	1.22	7.17	7.59	5.97	3.06	3.74	0.60	3.38	4.72	4.56	5.42	6.06	53.11	67.54	6.5
127	LETITIA	E-3	TVA	1800	15	6.64	5.84	2.62	5.51	9.15	6.92	2.08	4.29	5.04	4.17	7.49	5.11	1.85	6.35	6.88	4.44	3.27	3.38	0.88	2.77	4.45	3.90	5.02	5.14	55.37	57.82	5.0
129	SWEET GUM (R)	E-4	TVA	1800	18	6.43	5.89	3.17	5.21	9.52	6.21	1.83	4.56	4.96	3.54	5.51	4.36	1.00	5.24	6.53	4.14	2.39	2.99	0.54	2.41	3.54	3.51	5.48	4.72	50.90	52.78	---
573	NOTTELY DAM	E-4	TVA	1740	11	6.03	5.40	2.97	5.29	8.48	6.48	2.10	3.54	5.13	4.21	3.87	4.18	3.47	5.07	5.67	4.00	3.96	3.41	0.72	2.59	3.04	3.37	5.07	4.91	50.51	52.45	T
131	HEMPTOWN GAP	E-4	TVA	2050	18	5.56	5.46	2.59	5.10	8.36	6.01	2.35	4.34	4.04	3.91	4.44	4.18	2.30	5.61	7.76	4.70	2.66	2.80	0.67	2.65	3.06	3.33	5.16	4.30	48.95	52.39	2.0
133	BLAIRSVILLE NO. 2	F-4	TVA	1825	20	4.90	5.82	3.15	5.48	13.19	5.38	2.97	4.01	3.16	4.19	2.78	3.77	2.21	5.19	9.65	4.51	3.38	3.10	0.65	3.19	3.38	3.02	5.31	5.28	54.73	52.94	T
570	CHOESTOE	F-4	TVA	1900	10	5.12	5.78	3.27	5.70	14.41	8.36	4.03	4.23	2.60	4.25	3.32	4.61	2.38	5.32	12.41	4.86	3.37	4.18	0.81	3.12	4.48	4.20	5.73	4.99	61.93	59.60	0.5
135	NEEL GAP (R)	F-4	TVA	3300	18	4.66	6.75	3.79	6.03	11.78	7.05	3.00	5.11	4.31	3.94	1.56	4.75	1.32	6.25	8.59	6.77	5.11	4.33	0.88	3.89	4.48	4.71	5.12	5.78	54.60	65.36	---
136	MURPHY EVAPORATION STA. (R)	E-3	TVA	1575	78	6.57	5.62	2.79	5.54	8.54	6.36	1.47	4.73	3.79	4.01	6.03	5.07	1.93	5.77	9.55	5.12	3.66	3.25	0.71	3.06	4.26	3.76	5.16	5.26	54.46	57.55	---
138	TOMOTLA	F-3	TVA	1575	17	6.04	6.52	2.14	5.91	9.32	6.77	1.53	4.75	5.44	4.07	4.98	4.54	0.35	6.89	11.79	5.23	2.99	3.09	0.55	2.88	5.58	3.67	5.38	5.22	56.09	59.54	T
140	HYATT CREEK	F-3	TVA	2450	18	9.67	8.01	3.06	7.09	9.91	8.41	2.02	5.62	5.58	5.34	2.75	5.80	1.48	7.50	9.18	6.10	3.39	3.74	0.79	3.77	6.67	4.82	5.45	6.65	59.95	72.85	1.0
141	ANDREWS	F-3	USWB	1840	44	3.14	5.40	2.62	5.50	9.02	6.60	2.25	4.70	5.42	5.00	4.64	5.10	1.57	6.10	7.85	5.00	5.96	3.80	0.41	3.40	4.78	4.00	5.75	6.80	58.41	61.40	3.8
362	TEYAHALEE BALD (R)	F-3	TVA	4750	15	9.78	7.35	2.60	6.40	10.15	7.80	2.18	4.81	6.20	4.90	5.48	6.06	2.31	7.18	6.99	5.13	5.06	4.04	0.56	2.80	4.90	5.15	5.73	6.06	61.94	67.68	---
146	YOUNG HARRIS	F-4	TVA	1920	15	5.14		3.24		9.43		3.15		3.05		3.89		1.92		7.20		2.85		0.50		3.38		5.13		48.88		T
147	BRASSTOWN BALD (R)	F-4	TVA	4780	18	5.33	6.09	4.33	5.40	12.03	6.93	3.06	5.16	2.71	4.30	4.79	4.54	2.27	6.28	6.74	6.01	3.62	4.36	1.14	3.96	#4.00	4.17	4.72	5.18	#54.74	62.38	---
144	ANDREWS DAM	F-3	NP CO	1670	18	5.16	4.75	2.33	4.28	6.28	5.25	1.17	3.87	3.59	3.06	5.07	4.26	1.14	6.01	7.77	4.13	2.27	2.49	0.52	2.49	2.73	2.85	4.41	3.81	42.44	47.25	T
572	CHATUGE DAM	F-3	TVA	1930	11	5.19	5.34	2.88	5.36	8.82	6.25	2.45	3.74	4.02	4.13	3.50	4.11	0.75	4.86	4.95	3.75	2.38	3.42	0.45	2.48	3.29	3.52	5.19	4.79	43.87	51.75	0.5
151	HIAWASSEE	F-4	TVA	1950	11	RE-ESTABLISHED JULY 15, 1952												----	----	6.02	5.10	2.88	3.03	0.63	2.49	3.35	2.97	6.09	4.69	-----	-----	---
152	GLADE GAP (R)	F-3	TVA	3800	18	8.06	6.61	3.50	6.03	9.34	6.69	3.17	4.74	4.21	4.27	5.07	5.18	2.85	7.34	5.39	5.49	6.54	3.90	0.26	3.12	4.21	3.93	5.63	5.34	58.23	62.64	---
153	LITTLE HIGHTOWER	F-4	TVA	2150	18	5.03	5.45	3.60	5.21	14.46	7.26	3.51	5.01	3.55	4.06	4.05	4.95	3.04	6.58	7.76	5.78	2.82	4.17	0.85	3.57	3.91	4.24	4.52	5.29	57.10	61.57	T
574	TITUS	F-4	TVA	2180	11	5.30	5.53	3.95	5.82	14.16	8.65	4.54	5.14	4.54	4.77	3.80	5.30	2.90	6.06	7.44	5.90	3.34	5.26	0.91	3.72	4.13	4.63	4.83	5.61	59.84	66.39	0.6
154	TRAY MOUNTAIN (R)	F-4	TVA	3900	18	5.63	7.17	4.78	6.09	16.64	7.97	4.32	5.79	3.75	4.85	3.27	4.85	2.18	7.50	7.72	7.75	4.14	5.30	2.11	4.97	6.71	5.20	5.34	6.41	66.59	73.85	---
	LITTLE TENNESSEE RIVER BELOW FONTANA DAM																															
171	MCGHEE	E-3	TVA	810	49	5.53	4.42	2.21	4.33	5.56	5.18	2.98	4.30	3.98	3.86	1.97	4.34	1.83	4.70	6.39	3.98	2.26	3.32	0.69	2.96	4.57	3.25	4.17	5.24	42.14	49.88	8.0
173	KITTIE	E-3	TVA	1000	18	5.80	5.70	2.47	4.72	5.33	5.51	1.43	3.86	4.85	4.16	2.25	3.31	3.16	4.70	7.63	4.47	3.18	2.60	0.73	2.71	3.98	3.81	5.02	4.19	45.83	49.74	8.0
174	TELLICO PLAINS	E-3	TVA	940	39	6.12	4.35	3.10	4.30	6.88	5.47	2.07	4.52	2.68	4.32	3.98	5.08	1.61	5.45	7.91	4.95	1.79	3.16	0.77	3.08	4.84	3.30	4.90	5.70	46.65	53.68	4.5
374	TELLICO RANGER STATION	E-3	USFS	1100	14	5.95	5.53	2.94	5.06	7.18	5.57	2.20	3.98	#3.57	3.93	3.92	4.63	2.40	5.07	8.30	4.36	2.00	2.57	0.74	2.78	4.54	3.84	4.85	4.37	#48.59	51.69	7.5
179	HAW KNOB (R)	E-3	TVA	4980	18	7.87	7.75	2.99	6.82	8.65	7.64	3.70	5.44	6.73	5.47	2.85	5.71	4.57	8.56	5.18	6.75	3.20	4.07	0.36	3.41	#4.27	4.87	5.38	6.07	#55.75	72.56	---
175	MINT	E-3	TVA	920	18	5.54	5.57	1.86	4.89	4.14	5.36	1.84	3.63	4.82	3.95	2.72	3.68	1.86	5.81	5.91	5.20	2.82	3.03	0.67	2.66	5.85	3.93	4.74	4.43	42.77	52.14	11.6
668	ABRAMS CREEK	F-3	USDI	1400	7	7.04	7.34	2.16	4.82	5.23	5.88	3.41	3.80	4.03	4.88	2.25	4.25	2.43	5.76	5.23	4.10	3.04	2.87	0.52	2.85	6.72	6.14	5.52	4.41	47.58	57.10	10.0
176	CALDERWOOD POWERHOUSE	F-3	ALCOA	950	22	6.89	5.04	2.46	4.96	5.30	5.63	2.17	4.14	4.80	4.31	2.85	4.04	2.32	5.93	6.00	5.37	3.10	2.76	0.27	2.95	5.51	3.26	4.45	4.33	46.12	52.72	8.0
178	CHEOAH DAM	F-3	ALCOA	1110	23	6.54	5.42	2.29	5.42	8.00	6.21	2.21	4.41	5.10	4.44	4.42	4.64	1.28	5.90	7.05	5.23	2.92	3.03	0.29	3.03	5.00	3.39	4.24	5.10	49.34	56.22	8.0
180	SANTEETLAH DAM	F-3	ALCOA	1960	22	6.58	6.32	2.64	5.65	10.86	6.63	1.89	4.27	3.33	3.85	4.08	4.08	2.63	5.33	8.05	4.98	3.04	2.65	0.44	2.67	5.72	3.85	5.41	5.77	54.67	56.05	8.5
550	SANTEETLAH GAP	F-3	TVA	2650	12	7.05	7.78	2.62	6.58	11.68	8.02	2.13	4.28	4.39	4.67	2.74	5.29	3.47	6.20	6.22	4.57	3.00	4.16	0.59	3.09	5.21	5.16	5.87	6.83	54.97	66.63	9.4
660	TWENTYMILE	F-3	USDI	1310	7	5.86	7.40	2.58	4.92	7.87	6.94	2.42	4.17	4.53	5.23	8.26	5.76	0.91	5.06	6.27	4.65	1.95	3.52	0.26	3.18	4.91	5.95	5.04	5.46	50.86	62.24	8.0
592	FONTANA DAM	F-3	TVA	1312	11	6.20	5.96	1.71	5.36	8.61	6.57	2.10	3.60	3.84	4.41	8.06	5.49	0.76	5.39	4.86	4.25	2.80	3.46	0.37	2.54	5.11	4.25	5.08	5.41	49.50	56.69	8.5
	LITTLE TENNESSEE RIVER ABOVE FONTANA DAM																															
181	PROCTOR	F-3	TVA	1735	18	6.61	6.64	2.15	5.90	8.56	6.53	2.09	4.49	3.86	4.16	3.39	4.82	1.89	6.42	5.60	4.39	2.57	3.26	0.80	2.86	5.70	3.85	5.21	5.12	48.43	58.44	9.5
182	STECOAH	F-3	TVA	2350	18	7.47	6.95	3.15	5.85	8.75	6.64	2.20	4.71	3.94	4.08	4.70	4.67	3.33	6.22	4.79	4.14	3.10	3.20	0.49	2.74	4.06	3.84	5.01	5.10	50.99	58.14	3.5
696	FORNEY CREEK	F-3	TVA	2180	4	8.03		3.31		11.04		2.67		3.97		3.53		4.25		6.99		5.20		0.68		3.12		5.29		58.08		15.3
184	CLINGMANS DOME (R)	F-3	TVA	6400	17	10.14	9.33	3.14	7.68	10.34	8.43	5.07	6.28	4.31	5.99	2.97	6.41	3.84	8.95	8.74	8.32	4.68	5.35	0.75	4.47	8.20	6.24	5.43	6.95	67.61	84.40	---
185	BRYSON CITY (R)	F-3	TVA	1900	65	6.22	5.02	2.41	5.07	8.32	5.90	1.45	4.15	2.10	4.10	0.68	4.34	1.82	5.43	7.72	4.78	3.01	3.21	0.52	2.78	3.25	3.26	4.34	4.92	41.84	52.96	---
525	ELA (NEAR)	F-3	NP.CO.	1830	11	6.33	5.82	2.58	4.96	8.12	6.11	#1.63	3.50	1.82	4.55	1.02	4.10	1.09	5.44	8.69	5.30	2.05	3.35	0.63	2.76	3.57	3.72	4.97	5.25	#42.50	54.86	---
542	CHEROKEE	F-3	USDI	1950	11	6.63	5.75	2.24	4.85	8.13	6.06	1.72	3.13	2.54	3.42	1.93	4.40	2.93	5.86	3.88	3.92	1.65	2.75	0.52	2.29	3.27	3.72	3.75	5.09	39.19	51.24	5.7
186	RAVENSFORD	F-3	USWB	2100	20	7.36	6.54	2.26	5.82	8.47	6.86	1.90	4.40	2.45	4.17	1.97	4.15	3.08	6.34	3.44	5.30	2.06	3.19	0.63	2.82	3.83	3.98	4.25	5.12	41.70	58.69	5.4
187	SPRUCE MOUNTAIN (R)	F-3	TVA	4800	18	7.32	6.65	2.06	5.32	8.25	6.19	2.59	4.15	2.43	3.74	4.57	4.52	4.08	6.55	4.57	5.12	4.20	3.74	0.65	3.18	3.20	4.25	4.64	4.87	48.56	58.28	---
377	JACK COVE	F-3	TVA	2100	15	5.67	5.23	2.31	5.03	9.04	5.89	1.90	3.40	2.93	3.53	1.82	4.03	1.48	5.51	7.32	4.34	2.47	2.91	0.69	1.98	3.71	3.37	4.43	4.49	43.77	49.71	3.0
249	BALSAM	F-3	TVA	3330	11	6.86	5.85	2.61	5.34	9.23	6.47	2.83	3.81	3.14	4.69	1.48	4.30	5.75	6.07	7.30	5.83	4.57	4.30	0.51	3.09	4.10	4.21	5.30	5.32	53.68	59.28	11.9
189	CULLOWHEE	F-3	USWB	2100	43	4.84	3.90	2.03	3.20	8.77	5.20	1.87	3.60	2.79	3.60	1.86	4.00	3.05	4.20	5.97	4.00	1.84	3.50	0.65	2.70	3.11	2.20	4.44	4.20	41.22	44.30	3.2
564A	THORPE POWERHOUSE	F-3	NP.CO.	2320	11	5.60	5.23	3.12	4.94	11.71	7.19	3.83	3.85	2.31	4.07	1.30	4.29	1.92	5.18	6.83	4.28	3.42	4.18	0.52	3.05	3.25	3.90	4.05	5.15	47.86	55.31	---
564	THORPE DAM	F-3	NP.CO.	3550	12	5.49	5.62	3.70	5.34	13.08	7.89	4.39	4.21	2.40	4.00	2.51	5.46	2.20	5.74	6.07	4.82	4.05	4.65	DISCONTINUED SEPTEMBER 30, 1952						-----	-----	---
509	LAUREL MOUNTAIN (R)	F-3	TVA	4200	12	6.30	6.77	5.22	5.90	14.80	8.89	5.79	5.03	2.79	5.06	2.83	6.12	2.88	7.42	9.79	6.11	3.39	5.70	1.30	4.69	5.99	5.94	5.95	7.22	67.03	74.85	---
190	HAYWOOD GAP (R)	G-3	TVA	5400	18	6.90	6.04	4.46	5.25	14.04	6.89	5.91	4.97	2.38	4.31	2.52	5.23	2.98	7.43	7.42	7.32	5.67	5.15	1.01	4.48	6.83	4.78	4.30	5.40	64.42	67.25	---
191	OWENS GAP	G-3	TVA	3720	18	5.42	6.67	5.48	5.80	14.61	7.52	5.75	5.77	2.84	4.61	3.48	5.45	2.18	7.58	7.52	7.86	3.36	5.39	1.52	4.46	5.60	5.45	5.30	6.75	63.06	73.31	11.0
193	NANTAHALA	F-3	NP.CO.	2020	18	8.51	6.77	2.40	6.24	10.42	6.94	2.06	4.85	4.43	4.09	3.16	4.87	2.43	6.28	4.98	4.76	3.49	3.29	0.38	2.94	4.02	3.85	5.24	5.10	51.52	59.98	2.0
594	NANTAHALA DAM	F-3	NP.CO.	2950	11	8.45	7.79	2.44	6.59	10.52	7.97	1.97	4.35	5.17	4.98	3.39	4.80	1.40	6.30	5.92	4.34	4.18	4.42	0.11	3.02	4.63	4.73	5.60	6.47	53.78	65.76	2.0
194	NEEDMORE	F-3	TVA	1830	18	6.63	6.07	2.54	5.06	8.94	6.02	1.63	3.90	2.71	3.24	2.40	3.94	1.29	5.59	7.25	4.22	2.48	2.89	0.54	2.44	3.52	3.57	4.43	4.56	44.36	51.50	2.1
195	RAVEN MOUNTAIN (R)	F-3	TVA	4500	18	6.74	6.55	2.16	5.41	8.27	6.07	1.95	4.15	2.45	3.76	2.05	4.56	2.38	6.57	7.15	5.34	3.04	3.58	0.83	2.85	4.27	3.90	4.65	4.99	45.94	57.73	---
196	FRANKLIN POWERHOUSE	F-3	NP.CO.	2000	19	5.99	5.03	2.93	4.34	9.75	5.67	2.26	3.67	3.67	3.14	4.26	4.47	2.73	5.38	8.33	4.62	3.76	3.27	0.86	2.68	3.34	3.07	4.77	4.10	52.65	49.44	3.5
198	FRANKLIN	F-3	TVA	2130	4	5.69		2.59		10.93		2.38		3.68		3.90		2.29		8.53		4.07		0.82		3.47		4.35		52.70		3.8
586	CARTOOGECHAYE CREEK	F-3	TVA	2200	11	6.95	6.04	4.50	5.76	12.45	7.80	#2.36	4.07	3.66	4.25	4.60	4.43	2.79	5.94	6.94	4.40	2.99	4.47	1.26	3.15	#4.42	4.59	5.65	6.13	#58.57	61.03	T

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1952 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs.of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	LITTLE TENNESSEE RIVER ABOVE FONTANA DAM (CONT'D)																															
197	WAYAH BALD (R)	F-3	TVA	5350	18	11.26	8.20	4.40	6.65	10.78	7.49	2.55	4.98	5.04	4.44	3.92	4.96	2.38	6.82	4.41	5.07	3.20	4.31	0.78	3.46	5.58	4.78	5.84	5.99	60.14	67.15	---
199	OTTO	F-3	TVA	2300	18	5.13	5.52	4.75	5.32	12.44	6.57	3.81	4.33	2.79	3.60	3.25	4.31	1.10	5.74	5.78	5.48	3.84	3.90	0.91	3.02	4.17	4.01	4.77	4.97	52.74	56.77	0.8
200C	COWEETA NO. 8	F-3	USFS	3880	17	10.20	8.83	7.14	8.75	19.75	10.85	5.80	7.14	4.86	5.89	3.83	6.54	2.48	8.76	10.31	7.66	5.04	6.71	2.00	5.90	7.63	6.82	8.67	9.23	87.71	93.08	---
200	COWEETA NO. 1 (R)	F-3	USFS	2875	18	7.78	6.96	5.66	6.65	15.14	8.04	4.30	5.57	3.80	4.35	4.40	5.17	2.57	6.53	8.27	6.01	3.45	4.60	1.33	4.13	5.30	5.23	6.84	6.44	68.84	69.68	---
201A	HIGHLANDS	F-3	TVA	3800	11	7.28	8.51	6.11	7.23	17.55	10.59	6.09	6.28	3.92	6.06	2.45	6.65	2.82	9.00	10.22	6.85	5.05	7.52	1.10	5.47	7.59	7.06	6.21	7.80	76.39	89.02	13.5
201	HIGHLANDS (NEAR)	F-3	USWB	3350	64	6.48	6.90	4.52	6.70	16.85	8.40	6.45	6.40	5.46	6.00	2.39	7.40	3.60	8.70	9.84	7.50	4.34	6.80	1.02	6.30	6.74	5.00	6.05	8.80	73.74	84.90	10.3
204	CLAYTON	F-4	USWB	2000	58	5.51	6.13	4.92	6.40	16.40	6.90	4.76	5.75	4.21	4.75	3.09	5.29	2.29	6.96	5.03	6.49	3.20	4.95	1.39	4.34	4.49	4.22	5.48	7.10	60.77	69.28	0.0
	FRENCH BROAD RIVER																															
642	SEVIERVILLE	F-3	TVA	900	34	6.31	4.44	1.84	4.04	3.92	4.84	2.51	3.73	2.81	4.28	3.23	4.60	3.24	4.70	4.34	4.15	3.60	3.07	0.90	2.65	4.78	3.10	3.84	4.43	41.32	48.03	3.4
496	PIGEON FORGE	F-3	TVA	1012	12	5.97	4.57	1.66	3.98	3.73	4.57	#2.92	3.06	4.05	3.30	1.88	4.37	2.45	5.41	5.06	4.25	2.99	3.09	0.60	2.45	4.85	3.20	4.30	3.75	#40.46	46.30	3.5
209	GATLINBURG (NEAR)	F-3	USWB	1460	27	6.03	4.32	1.88	4.29	6.25	5.22	5.75	4.13	4.34	4.70	2.12	4.81	1.52	5.69	8.38	5.64	2.44	2.82	0.49	2.95	5.16	2.45	4.18	4.46	48.54	51.48	3.5
210	MT. LECONTE	F-3	TVA	6350	-	INACTIVE		----	----	----	----	----	----	5.69	5.92	3.72	6.76	4.54	10.29	7.89	8.18	4.13	5.00	0.68	3.61	----	----	----	----	-----	-----	---
593	DOUGLAS DAM	F-3	TVA	928	11	4.90	4.63	1.28	4.65	3.97	4.37	1.64	2.76	4.20	3.24	3.22	2.94	3.36	4.39	3.37	3.25	3.16	2.68	0.99	2.20	5.06	3.54	3.52	3.91	38.67	42.56	7.0
211	DANDRIDGE	F-2	TVA	1040	48	4.39	4.14	1.63	4.02	4.45	4.66	2.66	3.57	2.91	3.81	1.29	3.76	2.58	4.77	3.64	4.06	2.26	2.72	0.82	2.61	5.16	2.74	3.08	4.11	34.87	44.97	7.5
212	WHITE PINE	F-2	TVA	1165	18	4.90	3.88	2.70	3.83	4.01	4.19	2.04	2.96	3.05	2.92	1.10	3.43	1.37	4.80	5.29	3.85	1.52	2.63	0.97	2.21	4.73	2.94	3.62	3.10	35.30	40.74	12.8
213	BULLS GAP	F-2	TVA	1060	18	3.98	4.49	1.81	4.11	4.45	4.87	2.89	3.22	3.18	3.13	2.06	3.79	5.29	5.25	4.12	3.87	1.05	2.62	0.86	2.32	5.05	3.40	2.92	3.64	37.66	44.71	12.4
214	LICK CREEK (R)	G-2	TVA	1210	17	3.56	3.85	1.81	3.38	3.89	3.66	2.14	2.40	3.16	2.89	1.55	2.85	2.34	4.71	3.42	3.48	1.65	2.27	0.89	2.13	3.48	2.52	2.71	2.95	30.60	37.09	---
215	JEAROLDSTOWN	G-2	TVA	1400	18	3.96	4.45	2.12	3.99	4.73	4.61	3.65	3.21	2.07	3.22	1.79	3.76	1.67	5.19	6.63	4.35	1.39	2.63	1.08	2.53	4.63	3.08	3.00	3.45	36.72	44.47	9.0
216	LITTLE CHUCKY	G-2	TVA	1340	18	#3.72	4.09	1.18	3.93	4.32	4.45	3.09	3.36	2.10	3.09	1.08	4.01	3.29	4.94	4.76	3.88	1.10	2.97	0.63	2.48	3.92	2.94	2.43	3.02	#31.62	43.16	10.0
661	NOLICHUCKY DAM	G-2	TVA	1220	8	4.90	4.88	1.39	3.45	3.55	4.06	3.13	2.54	5.42	4.35	0.77	4.57	3.91	4.75	4.71	4.00	2.40	2.92	0.87	2.22	4.17	3.48	2.96	3.22	38.18	44.44	9.0
475	GREENEVILLE (NEAR) (R)	G-2	U.T.	1380	12	4.17	3.43	1.03	3.25	3.07	3.89	2.50	2.46	2.80	3.28	0.96	3.87	3.55	4.60	4.73	3.28	3.16	3.34	0.88	2.11	3.77	2.82	2.81	2.91	33.43	39.24	---
217	GREENEVILLE (NEAR)	G-2	USWB	1320	20	4.65	3.52	1.22	3.72	3.16	4.60	2.71	3.58	3.30	4.02	0.96	4.41	3.85	3.98	5.20	4.72	1.99	2.55	0.95	2.46	3.75	2.41	2.98	4.21	34.72	44.18	9.0
518	TUSCULUM COLLEGE	G-2	PRIVATE	1460	12	4.88	4.10	0.94	3.79	3.78	4.26	2.38	2.57	3.16	3.44	2.84	4.28	1.96	5.18	4.42	3.70	1.42	3.29	0.90	2.66	3.86	3.06	3.29	3.59	33.83	43.92	11.3
218	CAMP CREEK BALD (R)	G-2	TVA	4560	18	7.02	5.40	2.47	4.83	5.59	5.86	5.46	4.04	3.61	4.53	1.85	5.60	5.95	7.72	4.36	5.26	4.38	4.00	0.51	3.45	4.38	3.81	4.73	4.58	50.31	59.08	---
219	LIMESTONE	G-2	TVA	1420	18	3.86	3.84	0.78	3.36	3.21	4.09	3.32	3.01	3.03	3.21	2.31	3.83	3.48	5.50	2.61	3.72	2.04	2.78	0.63	2.16	3.71	2.65	2.71	2.77	31.69	40.92	8.5
220	EMBREEVILLE	G-2	TVA	1590	27	4.46	3.35	1.69	3.58	3.76	4.39	4.08	3.32	4.14	4.20	1.80	4.14	4.31	6.07	4.84	4.09	1.51	3.12	0.47	2.81	5.44	2.71	2.85	3.18	39.35	44.96	5.0
221	ERWIN	G-2	TVA	1750	25	5.35	3.42	1.37	3.68	5.07	4.80	4.23	3.39	3.85	4.36	2.30	4.49	3.52	6.17	3.82	4.31	1.03	3.22	0.29	2.74	4.64	2.73	3.09	3.30	38.56	46.61	15.1
643	LIMESTONE COVE	G-2	TVA	2365	8	4.90	5.08	1.37	3.41	5.32	4.62	4.56	4.19	2.91	3.94	2.95	5.06	3.18	5.73	4.06	4.72	0.89	3.47	0.29	2.47	5.74	4.31	3.50	3.79	39.67	50.79	24.0
659	POPLAR	G-2	TVA	2000	7	4.40	4.17	2.20	3.30	4.78	4.59	4.08	3.52	2.76	4.27	2.68	4.82	2.05	5.30	3.40	4.26	1.16	3.21	0.34	2.49	5.26	3.90	3.46	3.34	36.57	47.17	25.1
223	FLAT TOP MOUNTAIN	G-2	TVA	2880	18	5.08	4.74	1.40	4.27	5.52	5.03	4.65	3.66	2.49	3.80	2.21	4.94	3.84	6.77	3.89	5.08	1.69	3.45	0.54	2.80	5.45	3.57	4.52	3.71	41.28	51.82	29.0
224	BEAUTY SPOT (R)	G-2	TVA	4210	18	5.52	4.36	2.05	3.69	5.93	4.57	5.39	3.60	2.19	3.73	2.30	4.49	3.83	6.29	3.77	4.52	1.39	3.52	0.51	2.73	6.28	3.40	3.60	3.48	42.76	48.38	---
226	CANE RIVER	G-3	TVA	2500	18	4.23	3.92	1.36	3.66	4.07	4.47	2.97	3.12	1.85	3.23	2.26	3.49	3.04	4.73	3.29	3.93	1.66	3.00	0.24	2.48	4.29	2.84	3.27	2.69	32.53	41.56	16.8
227	MCKINNEY GAP	G-3	TVA	4500	18	6.68	6.34	2.66	5.70	6.50	6.74	3.95	4.64	3.41	4.67	1.67	4.78	1.20	6.64	4.43	4.74	1.86	3.69	0.48	3.18	5.90	4.14	6.05	4.51	44.79	59.77	22.1
228	COXCOMBE MOUNTAIN (R)	G-3	TVA	4250	18	3.90	3.71	2.26	3.52	5.34	4.54	3.10	3.26	1.87	3.72	2.51	4.09	1.67	5.26	3.61	4.59	1.53	3.07	0.35	2.95	2.84	2.70	2.93	3.05	31.91	44.46	---
229	DAYBOOK	G-3	TVA	2350	18	3.97	3.92	#2.15	3.39	4.59	4.30	#2.88	3.08	3.09	3.31	1.86	3.63	0.00	4.76	4.17	4.19	1.38	3.28	0.21	2.37	2.95	2.73	3.01	2.67	#30.26	41.63	8.0
231	ROAN HIGH KNOB (R)	G-2	TVA	6100	18	5.08	4.54	2.89	3.88	4.56	4.71	3.46	3.96	2.79	4.55	4.63	5.20	1.99	6.84	4.81	4.94	2.55	4.00	1.21	3.31	4.89	3.65	3.26	3.23	42.12	52.81	---
402	BAKERSVILLE	G-2	TVA	2475	14	3.58	2.99	2.09	3.40	5.50	3.88	2.95	2.97	3.32	3.55	4.43	4.04	2.72	4.76	3.90	4.57	1.07	2.85	0.85	2.35	2.17	2.50	2.61	2.99	35.19	40.85	6.5
232	CELO	G-3	TVA	2820	18	3.71	4.52	3.36	3.80	5.46	5.42	2.79	3.69	#1.62	3.60	0.58	3.58	3.85	5.54	2.50	5.86	1.65	4.08	1.23	3.36	1.22	3.23	#3.24	3.75	#34.21	50.43	5.8
622	CELO (NEAR)	G-3	USWB	2700	10	4.09	4.46	4.88	4.60	12.08	6.66	3.30	3.79	1.83	4.00	1.53	4.45	5.10	5.01	#5.67	4.79	2.10	4.68	1.63	3.27	3.30	3.89	3.78	4.62	#49.29	54.22	5.5
233	MT. MITCHELL	G-3	USWB	6620	28	5.32	4.26	5.54	4.91	10.41	6.71	6.07	6.10	2.98	5.41	3.97	6.69	3.60	7.91	9.47	9.04	5.28	6.64	2.11	5.63	6.14	4.63	4.97	6.56	65.86	74.49	54.3
233A	MT. MITCHELL (R)	G-3	TVA	6620	9	6.14	4.09	6.40	5.15	11.69	6.47	6.63	4.93	2.97	4.81	3.70	6.62	3.64	6.49	8.66	7.14	5.61	7.87	1.98	6.51	6.29	5.00	5.39	5.08	69.10	70.16	---
234	SNOW CREEK	G-3	TVA	2600	18	3.20	3.56	3.98	3.30	6.71	4.41	2.97	3.24	1.90	3.12	2.98	3.99	4.22	5.35	3.10	4.53	0.95	3.30	1.00	2.50	2.90	2.85	2.74	3.13	36.65	43.28	14.2
623	SPRUCE PINE	G-3	TVA	2620	10	3.21	3.63	3.02	3.42	8.45	5.21	2.87	3.26	1.59	3.33	3.33	3.74	3.45	4.18	7.85	4.89	0.74	4.40	1.34	3.23	3.08	3.76	2.93	3.30	41.86	46.35	7.1
235	LITTLE SWITZERLAND (R)	G-3	TVA	3550	18	4.72	5.03	4.17	3.73	9.93	5.61	3.77	4.03	1.79	3.85	3.12	4.24	3.23	6.69	8.68	7.30	1.54	4.80	1.77	4.01	3.89	4.40	3.67	4.47	50.28	58.16	---
729	GILLESPIE GAP	G-3	USWB	2825	-	ESTABLISHED DECEMBER 18, 1952																						----		-----		---
236	ALTAPASS	G-3	TVA	2600	39	#3.64	3.77	3.38	3.21	7.89	4.86	3.55	3.85	1.65	3.98	1.32	3.66	0.14	6.17	3.45	4.74	0.12	3.82	1.70	3.58	3.30	3.20	3.10	3.96	#33.24	48.80	5.6
237	PLUMTREE	G-2	TVA	2900	18	3.86	4.36	2.91	3.98	7.27	4.59	3.08	3.86	1.83	3.75	3.65	4.11	2.95	5.56	5.76	5.13	1.42	3.56	1.54	3.19	3.90	3.57	3.56	3.48	41.73	49.14	9.3
238	SMOKY GAP	H-2	TVA	3650	18	5.13	4.02	3.01	3.56	5.03	4.18	3.91	3.54	2.41	4.22	4.27	4.75	2.93	5.50	4.89	5.32	1.26	3.38	1.61	2.81	2.22	3.50	3.79	2.98	40.46	47.76	33.8
378	CROSSNORE	H-2	USWB	3430	39	4.14	3.85	5.87	4.03	7.77	5.28	3.40	4.29	2.37	4.68	3.84	5.72	4.56	7.00	6.69	5.75	1.65	4.74	1.50	4.95	4.34	3.37	3.34	5.14	49.47	58.80	24.6
241	NEWPORT	F-3	USWB	1080	62	4.85	3.68	1.26	3.91	3.80	4.84	2.70	3.66	2.77	4.25	0.67	4.30	2.94	4.48	5.70	3.94	1.79	2.78	0.72	2.47	4.15	2.47	3.45	4.03	34.80	44.81	---
241A	NEWPORT	F-3	TVA	1050	10	4.75	4.13	1.27	4.32	3.79	4.42	3.79	3.04	3.01	3.29	0.78	3.67	3.26	4.64	5.06	3.50	1.60	2.99	0.79	2.15	4.32	3.24	3.52	3.51	35.94	42.90	---
538	COSBY NO. 4	F-3	USDI	1720	12	7.00	5.08	1.80	4.21	5.60	5.74	4.22	3.79	3.66	4.19	1.99	4.88	4.40	6.68	3.89	4.45	2.39	2.87	0.59	2.83	4.88	3.78	3.85	4.52	44.27	53.02	---
243	HARTFORD	F-3	TVA	1260	18	5.76	4.16	1.35	3.88	5.01	4.65	2.63	3.48	3.22	3.85	2.05	4.67	3.85	6.36	4.58	4.89	1.86	2.58	0.51	2.39	3.80	2.85	3.19	3.59	37.81	47.35	---
244	WATERVILLE POWERHOUSE	F-3	USWB	1410	22	6.02	3.47	2.40	3.68	4.37	4.35	3.31	4.27	2.60	4.48	3.23	5.54	4.45	5.29	4.03	5.00	2.57	3.92	0.48	3.09	4.21	2.13	2.83	3.86	40.50	49.08	0.8
245	MT. STERLING	F-3	TVA	2950	18	6.38	5.00	1.47	4.36	6.61	5.41	2.72	3.46	2.52	3.99	2.71	4.54	5.06	6.95	3.63	5.00	2.68	3.23	0.59	2.60	3.62	3.41	3.95	3.75	41.94	51.70	16.1
656	CATALOOCHEE	F-3	USDI	2620	8	5.59	5.90	1.88	3.60	7.54	5.76	1.83	3.18	2.02	3.22	3.53	4.43	3.85	6.10	4.48	4.66	2.58	3.16	0.65	2.41	3.27	4.30	3.14	4.36	40.36	51.08	8.0
407	CATALOOCHEE RANCH	F-3	TVA	4800	14	6.66	6.61	2.83	5.90	10.71	7.38	3.17	4.09	2.33	4.30	4.96	5.19	2.86	7.61	6.47	5.27	2.08	3.64	0.96	3.25	4.47	4.43	5.22	4.99	52.72	62.66	29.7
247	WAYNESVILLE	G-3	USWB	2675	59	5.73	3.75	1.94	4.04	8.49	5.05	2.23	3.68	2.31	3.98	3.40	4.12	1.86	4.60	5.14	4.21	2.21	3.00	0.52	3.04	2.46	2.25	3.83	4.61	40.12	46.33	6.3
248	EAGLENEST MOUNTAIN	F-3	TVA	3280	18	8.26	6.74	2.22	5.89	9.42	6.86	2.88	4.17	2.99	3.68	3.79	4.35	5.48	6.47	4.53	4.41	1.49	3.21	0.55	2.75	3.35	4.00	5.15	5.01	50.11	57.54	5.5
250	CHAMBERS MOUNTAIN (R)	G-3	TVA	4300	18	4.23	3.24	1.67	2.71	5.03	3.78	2.35	2.59	2.67	2.32	3.92	3.11	0.80	5.46	4.16	4.34	1.80	2.55	0.53	2.38	2.43	2.37	2.66	2.50	32.25	37.35	---
251	CANTON	G-3	CP&LCO.	2600	22	4.26	2.75	2.61	3.27	6.35	4.00	3.04	3.62	2.13	3.44	4.02	3.55	2.26	3.92	5.24	4.18	1.57	3.39	0.59	2.76	2.22	1.80	3.27	3.36	37.56	40.04	2.7
253	DIX CREEK	G-3	TVA	3030	18	5.64	5.10	2.87	4.24	8.96	5.64	2.92	3.69	1.95	3.30	3.07	4.04	2.04	5.21	6.16	5.27	3.29	3.87	1.68	2.94	2.81	3.71	4.96	3.96	46.35	50.97	1.5

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1952 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs.of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	FRENCH BROAD RIVER (CONT'D)																															
254	MT. PISGAH (R)	G-3	TVA	5300	18	4.44	4.98	4.94	4.22	9.95	5.77	5.94	4.46	2.25	4.22	4.97	5.19	2.82	6.82	9.04	7.30	5.01	5.42	1.34	4.94	5.06	4.40	4.05	4.84	59.81	62.56	---
629	BIG EAST FORK PIGEON	G-3	TVA	3410	10	7.13	6.88	5.23	6.56	15.84	9.80	7.56	6.33	2.39	5.17	3.85	6.33	3.44	7.35	9.60	5.69	4.43	7.60	1.69	5.58	7.25	7.29	7.37	6.60	75.78	81.18	13.7
255	WOLF CREEK	G-3	TVA	1200	18	4.94	3.69	1.16	3.50	4.37	4.41	3.42	2.93	2.75	3.47	3.57	4.08	3.29	5.84	3.94	3.99	3.30	3.25	0.55	2.27	3.75	2.57	2.98	2.84	38.02	42.84	T
256	HOT SPRINGS	G-3	USWB	1335	47	5.04	3.00	2.21	2.80	4.97	4.50	3.02	3.70	2.84	3.60	1.28	4.20	1.95	5.10	5.17	5.10	1.76	2.90	0.57	2.80	3.84	1.90	2.97	4.50	35.62	44.10	T
256A	HOT SPRINGS AIRWAYS	G-3	USWB	1380	12	5.18	3.00	1.91	2.80	#4.83	4.50	2.76	3.70	2.98	3.60	1.50	4.20	#1.76	5.10	4.52	5.10	2.09	2.90	0.55	2.80	2.95	1.90	2.91	4.50	#33.94	44.10	T
257	MAX PATCH MOUNTAIN (R)	G-3	TVA	4285	18	6.84	4.41	1.75	4.35	5.22	5.05	5.57	4.48	4.21	4.26	3.47	5.34	5.91	6.95	3.38	5.79	3.95	3.76	0.83	3.01	4.70	3.27	3.61	3.29	49.44	53.96	---
719	MAPLE SPRING GAP	G-3	TVA	5050	-	ESTABLISHED JUNE 19, 1952										----		3.42		3.64		2.37		0.66		3.08		2.90		-----		---
261	DOGGETT GAP	G-3	TVA	3800	18	4.32	4.24	2.25	3.72	6.28	5.00	1.75	3.40	2.89	3.38	5.61	4.69	3.29	6.26	4.46	5.72	2.26	3.24	0.78	2.88	3.22	3.06	3.10	3.27	40.21	48.86	16.8
259	CODY STORE	G-3	TVA	2450	18	3.93	3.87	1.31	3.41	#5.14	4.54	2.64	3.28	2.02	3.54	2.02	4.54	3.29	5.87	4.26	4.41	2.09	3.10	0.48	2.39	4.23	2.77	2.93	2.92	34.34	44.64	9.8
672	SAMS GAP	G-3	TVA	3650	5	5.11		2.07		5.86		4.14		4.95		2.84		4.15		4.35		1.93		0.27		3.57		3.20		42.44		25.1
262	MARSHALL	G-3	USWB	1950	54	3.55	2.56	1.90	2.71	4.93	3.94	2.53	3.44	2.21	3.11	1.82	4.25	2.23	4.32	2.94	4.29	0.84	3.03	0.52	2.63	3.05	1.90	2.78	3.11	29.30	39.29	T
263	IVY	G-3	TVA	2140	18	3.56	3.50	1.17	3.19	5.00	4.13	3.11	2.95	1.81	3.19	1.84	4.12	1.92	4.19	3.54	3.90	0.66	2.42	0.44	2.16	2.12	2.40	2.95	2.52	28.12	38.67	4.5
264	BARNARDSVILLE	G-3	TVA	2250	18	3.60	3.46	1.79	3.26	5.67	4.23	2.57	2.81	1.88	2.93	0.78	4.35	2.43	4.89	3.63	4.20	0.63	2.56	0.54	2.46	2.90	2.65	2.73	2.57	29.15	40.37	6.5
666	WEAVERVILLE	G-3	TVA	2220	7	3.74	3.02	1.57	2.08	5.74	3.98	2.83	2.51	1.40	2.81	1.73	3.73	2.82	3.86	3.19	2.90	0.45	1.63	0.97	2.34	1.95	2.72	2.40	2.69	28.79	34.27	3.5
265	LEICESTER	G-3	TVA	2100	18	3.32	3.23	1.81	2.83	5.16	3.93	1.40	2.85	2.10	2.88	1.28	3.92	5.54	5.30	6.35	4.72	0.97	2.42	0.10	2.20	2.47	2.53	2.80	2.66	33.30	39.47	3.2
267	ASHEVILLE (R)	G-3	USWB	2274	77	3.09	3.10	2.40	3.15	7.15	3.97	3.72	3.02	0.94	3.43	3.18	3.93	3.17	4.30	5.53	4.16	0.84	3.04	1.23	2.75	2.53	2.23	2.28	3.20	36.06	40.28	7.6
268A	BEETREE DAM	G-3	TVA	2540	5	2.88		2.61		9.10		4.69		2.27		3.34		3.49		6.36		1.75		0.86		3.56		2.52		43.43		4.7
268	BEETREE DAM (R)	G-3	TVA	2540	28	2.61	3.13	2.28	3.12	8.17	4.33	4.35	3.20	2.03	3.21	3.08	3.62	3.22	4.91	5.30	5.32	1.47	3.63	0.82	3.07	3.45	2.63	2.49	3.47	39.27	43.64	---
269A	CRAGGY KNOB (R)	G-3	TVA	4970	2	4.23		2.88		8.87		4.22		1.07		1.68		3.55		4.46		2.11		1.10		4.03		3.02		41.22		---
270	SWANNANOA (NEAR)	G-3	USWB	2250	22	2.54	3.51	2.79	3.14	5.56	4.26	2.85	3.00	1.67	2.82	#2.83	3.21	2.63	4.80	5.99	5.35	#2.99	3.24	1.16	3.26	3.41	2.60	2.47	3.44	#36.89	42.63	2.9
271A	NORTH FORK NO. 2	G-3	USWB	2520	10	#3.57	4.10	3.73	3.82	#8.36	5.71	5.32	3.56	2.23	3.94	3.85	4.79	3.40	5.82	8.94	5.55	2.19	4.83	0.91	3.24	3.85	3.28	#3.00	3.67	#49.35	52.31	---
271	NORTH FORK (R)	G-3	TVA	2765	27	4.40	4.28	4.61	4.35	9.61	5.56	4.53	4.22	1.31	4.04	2.19	4.70	2.24	6.19	8.75	6.66	2.05	4.64	0.85	4.14	4.20	3.70	3.45	4.49	48.19	56.97	---
700	BLACK MOUNTAIN	G-3	USWB	2400	3	2.70		3.74		9.19		4.65		1.85		2.38		2.57		6.32		2.73		0.95		3.51		2.67		43.26		7.5
273	POINT LOOKOUT	G-3	USWB	2320	18	3.80	3.94	5.30	4.02	----	----	----	----	DISCONTINUED APRIL 29, 1952																-----	-----	---
274	ENKA	G-3	USWB	2075	22	3.57	3.28	3.36	2.96	8.91	3.45	4.33	3.04	2.15	2.77	2.25	3.41	2.44	4.92	5.37	3.83	1.13	2.49	1.06	2.48	2.26	1.99	2.56	2.98	39.39	37.60	2.0
266	ROCKYFACE MOUNTAIN	G-3	TVA	3000	18	4.35	3.49	2.80	3.15	6.06	4.21	2.75	2.94	2.48	2.89	2.19	3.76	2.67	4.69	5.82	4.73	1.25	3.03	0.27	2.39	2.27	2.51	3.16	2.83	36.07	40.62	7.5
275	BENT CREEK	G-3	USFS	2100	19	3.80	3.91	3.10	3.27	9.59	4.71	5.50	3.39	1.12	2.83	4.95	4.09	3.34	5.37	4.64	4.40	1.61	2.78	1.11	2.88	3.34	2.91	2.67	3.34	44.77	43.88	---
276	A & H AIRPORT	G-3	USWB	2094	18	4.35	4.22	3.61	3.62	9.42	5.08	4.33	3.38	2.52	3.44	3.12	3.68	1.00	5.98	7.34	5.06	1.61	3.11	1.18	3.04	3.23	3.04	2.53	3.52	44.24	47.17	4.6
277	GARREN CREEK	G-3	TVA	2600	17	4.17	4.81	6.23	4.29	11.17	5.99	5.62	4.27	1.49	3.74	1.58	5.52	1.42	6.43	7.36	7.23	3.45	5.17	0.75	4.62	3.75	4.15	2.65	4.50	49.64	60.72	8.2
714	EDNEYVILLE (R)	G-3	TVA	2240	2	3.80		4.28		10.02		3.88		2.14		0.66		2.49		5.99		3.02		1.80		2.32		2.69		43.09		---
278	BLUE RIDGE POST OFFICE (R)	G-3	TVA	2270	18	5.22	4.70	4.43	4.13	12.35	5.57	3.91	3.71	2.38	3.95	2.40	4.50	2.31	6.85	7.33	5.86	2.77	4.85	1.18	3.89	2.20	3.70	3.33	4.33	49.81	56.04	---
279	HENDERSONVILLE	G-3	USWB	2153	56	5.63	4.55	4.16	4.60	11.67	5.31	4.15	4.23	2.62	4.86	4.78	5.54	2.49	6.07	8.79	6.08	3.87	4.75	1.01	4.52	#3.62	3.03	3.42	5.88	#56.21	59.42	5.0
279A	HENDERSONVILLE	G-3	TVA	2195	5	5.88		4.34		12.04		4.61		3.34		4.25		1.40		7.68		3.51		1.09		3.84		3.15		55.13		4.8
280	RUSH MOUNTAIN	G-3	TVA	2900	18	7.55	6.63	6.35	5.50	17.60	7.55	6.08	5.22	3.45	4.40	3.70	4.85	2.40	7.45	6.55	8.17	2.90	4.91	1.50	5.15	5.20	5.53	4.90	6.40	68.18	71.76	12.0
282	PINK BEDS (R)	G-3	TVA	3300	17	6.87	6.52	4.50	5.86	15.26	7.63	6.77	5.62	2.07	4.55	4.70	5.56	5.33	6.58	9.29	7.30	3.37	5.28	1.62	4.98	5.93	5.28	4.75	6.85	70.46	72.01	---
281	MILLS RIVER (R)	G-3	NC.	2090	18	4.76	5.02	3.14	4.14	10.25	5.13	4.37	3.69	1.82	3.87	2.85	4.27	1.20	6.46	5.88	5.46	2.13	3.80	0.78	3.41	3.10	3.55	2.52	4.06	42.80	52.86	---
283	CEDAR MOUNTAIN (R)	G-3	TVA	2750	17	6.00	7.07	5.88	6.20	17.50	8.26	8.28	5.79	5.60	5.22	1.49	6.08	5.17	8.47	10.43	9.08	2.44	5.43	1.96	5.37	6.43	6.24	5.25	7.11	76.43	80.32	---
284	CAESARS HEAD	G-3	USWB	3115	28	6.33	6.77	3.80	5.45	16.65	6.57	9.51	5.11	4.34	4.95	3.27	5.25	2.97	7.15	3.64	8.12	3.64	5.69	1.65	5.51	5.72	5.57	5.98	7.16	67.50	73.30	6.5
476	PISGAH FOREST	G-3	USWB	2150	13	5.79	5.17	4.65	4.69	13.34	7.41	5.44	4.20	2.80	4.70	3.53	5.27	3.62	6.75	10.26	7.15	4.57	4.66	1.08	3.47	4.47	4.78	4.37	5.46	63.92	63.71	4.0
662	GLOUCESTER GAP (R)	G-3	TVA	3050	7	6.31	6.97	5.25	5.11	16.22	9.24	5.78	4.96	3.40	4.92	3.19	6.81	3.18	8.04	11.33	8.08	3.48	6.37	1.67	5.88	6.59	6.88	4.62	6.64	71.02	79.90	---
285	BREVARD .	G-3	USWB	2120	50	----	4.50	----	4.40	----	5.10	----	4.40	----	5.20	----	5.80	----	6.80	----	6.60	3.96	4.90	1.08	4.90	4.45	3.20	4.37	5.80	-----	61.60	---
286	ROSMAN NO. 2	G-3	TVA	2200	18	6.99	7.08	4.40	6.09	16.95	7.72	6.61	5.57	4.48	4.98	3.63	5.37	4.01	8.64	10.12	7.99	2.99	5.07	1.22	4.74	6.81	5.68	5.68	6.62	73.89	75.55	4.5
640	SASSAFRAS MOUNTAIN	G-3	TVA	3500	11	5.88	6.39	5.37	5.82	15.65	9.33	6.49	5.22	3.58	5.12	4.77	6.17	3.11	8.96	10.45	7.09	3.71	6.56	2.03	5.40	5.02	6.79	5.95	6.98	72.01	79.83	8.0
663	QUEBEC (R)	G-3	TVA	2600	7	5.98	7.55	4.76	5.45	18.25	10.17	5.72	5.30	3.49	4.94	2.92	6.15	1.82	7.47	9.32	6.65	3.37	6.02	1.34	5.43	7.92	7.54	5.25	7.37	70.14	80.04	---
723	LAKE TOXAWAY	G-3	USWB	3020	1	6.21		6.30		18.50		6.46		4.72		6.00		2.17		16.28		2.27		1.25		9.15		5.85		85.16		1.5
	UNCLASSIFIED STATIONS																															
412	JACKSON SUBSTA.	A-3	TVA	359	14	5.51	6.37	4.71	4.94	7.04	5.65	3.45	4.67	2.41	3.92	1.29	4.72	1.46	3.87	4.76	4.30	4.36	3.58	1.09	2.63	3.68	5.48	3.45	4.93	43.21	55.06	T
413	MARTIN SUBSTA.	A-2	TVA	385	14	4.18	5.30	4.35	4.84	13.29	6.18	3.66	4.23	2.37	3.82	1.76	4.38	6.17	4.41	1.54	3.25	4.86	3.30	0.98	3.01	2.85	4.68	3.94	4.29	49.95	51.69	T
414	MEMPHIS SUBSTA .	-	TVA	295	14	4.87	6.18	5.34	4.71	4.84	5.28	2.49	4.15	2.65	3.56	0.21	3.77	2.91	3.04	3.15	2.62	2.63	2.60	0.71	3.07	3.68	4.65	3.20	4.49	36.68	48.12	T
415	TUPELO SUBSTA.	A-4	TVA	256	14	5.34	6.06	2.99	5.66	4.34	7.29	4.18	3.80	3.03	3.10	1.49	3.82	1.78	4.10	4.16	2.79	2.13	3.44	1.28	1.67	4.33	5.01	3.56	4.72	38.61	51.46	0.0
454	CARTHAGE SUBSTA.	D-2	TVA	500	13	6.50	5.81	3.05	4.79	#6.00	5.26	3.13	3.62	3.23	4.13	8.00	4.86	2.69	4.19	3.41	3.89	2.84	2.87	0.70	2.24	2.29	4.75	3.37	4.63	45.21	51.04	1.0
455	LEBANON SUBSTA.	C-2	TVA	530	39	5.87	5.08	4.12	4.12	5.10	5.48	2.71	4.24	2.08	4.51	1.20	4.37	2.81	4.20	3.65	4.25	3.30	2.88	1.45	3.18	2.63	3.96	3.10	4.73	38.02	51.00	0.5
469	SOUTH NASHVILLE SUBSTA.	C-2	TVA	425	13	5.87	6.19	4.14	4.61	7.14	5.44	2.24	3.35	3.13	3.67	0.27	3.06	4.96	4.05	6.10	3.42	3.55	3.16	2.09	2.04	2.44	4.20	2.36	4.44	44.29	47.63	0.5
639	BOWLING GREEN SUBSTA.	C-1	TVA	470	9	6.53	6.44	2.13	5.16	10.59	5.53	1.58	3.28	2.52	3.61	1.89	3.51	1.91	4.21	1.91	3.15	2.68	3.83	2.44	1.95	2.66	4.12	3.18	4.58	40.02	49.37	1.0
683	RUSSELLVILLE SUBSTA..	C-2	TVA	576	5	5.88		3.21		8.87		1.89		2.01		0.81		3.13		1.82		2.83		2.77		2.29		3.92		39.43		1.3
684	SUMMER SHADE SUBSTA.	D-2	TVA	-	5	5.95		3.08		10.77		2.84		4.10		4.11		3.06		1.87		3.51		1.31		2.93		2.72		46.25		1.5

(#) Interpolated or partly interpolated. (R) Recorder at present.

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TENNESSEE VALLEY AUTHORITY
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PRECIPITATION IN TENNESSEE RIVER BASIN
ANNUAL 1953

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PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1953

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TENNESSEE VALLEY AUTHORITY
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PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1953

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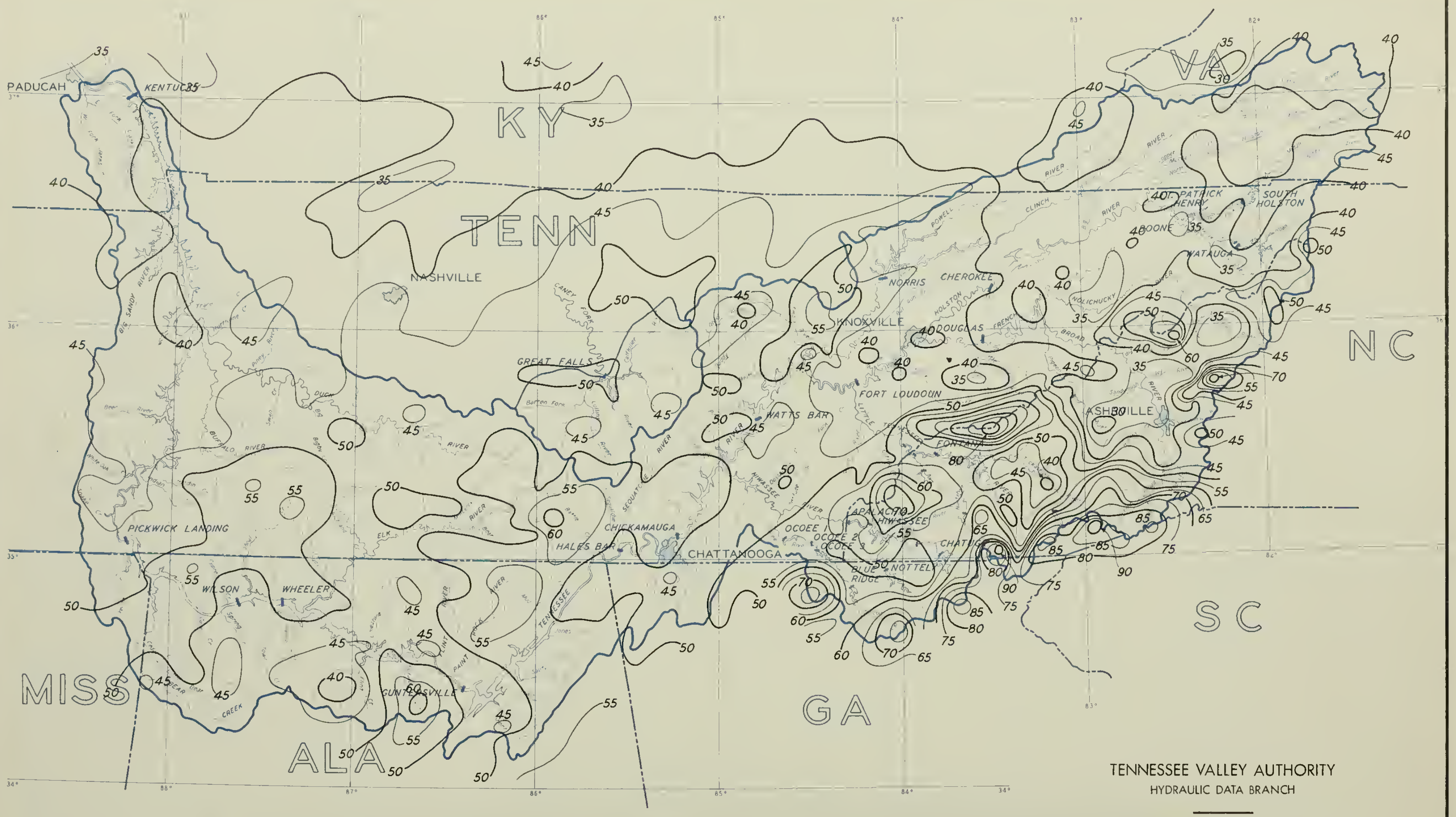

SYMBOLS:

—40— Rainfall in Inches

—·—·— State Lines

▬ Dams

TENNESSEE VALLEY AUTHORITY
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TENNESSEE RIVER BASIN

PRECIPITATION—YEAR 1953

SCALE 0 10 20 30 40 50 MILES

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PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1953

Precipitation over the Tennessee River Basin during 1953 was 91 percent of the 60-year mean, and the annual total was the twelfth lowest in 64 years of record. The average of 46.84 inches for the Basin was 4.54 inches less than the 60-year mean of 51.38 inches. In the area above Hales Bar, the 1953 average of 45.88 inches was 5.04 inches under the long-term mean of 50.92 inches. The average of 47.96 inches in the area below Hales Bar was 3.93 inches less than the mean of 51.89 inches.

Monthly precipitation over the Valley was below the 60-year mean in seven months. These were March and the six months June through November. The wettest month was February with an average of 6.59 inches, and the driest was October with 0.65 inch.

The maximum precipitation for the year was 94.23 inches at Lake Toxaway, North Carolina, a U. S. Weather Bureau station located just outside of the Tennessee Valley near the headwaters of the French Broad and Tuckasegee Rivers. Coweeta No. 8, North Carolina, which was a maximum in 1950, 1951, and 1952, recorded 93.50 inches in 1953. This station, located in the Little Tennessee River headwaters, has an annual average of 93.1 inches for the past 18 years. Eight stations, all situated in the French Broad, Hiwassee, and Little Tennessee Basins, recorded between 80 and 90 inches of precipitation for the year.

The minimum precipitation total in the Valley was 28.02 inches at Chambers Mountain, North Carolina, in the Pigeon River watershed. This annual total was the second lowest in 19 years of record at the station, the minimum being 27.38 inches in 1939. Annual totals of 35 inches or less were reported at 21 other stations, 17 of which were in the French Broad River watershed.

The maximum station precipitation for one month in 1953 was 14.77 inches at Highlands, North Carolina, in January. Eleven additional stations in the southeastern mountain area recorded 10 inches or more for the month.

No rain fell at six stations in the western part of the Basin in August. Four of these were in the lower Duck River area. The August 1953 average of 1.45 inches over the whole Valley was the lowest precipitation for the month in 64 years of record. In the western half of the Valley the August 1953 average of 0.90 inch was only 58 percent of the previous August minimum. Precipitation for the four months August through November also set new minimums of record over the Valley. The August-November total of 6.51 inches for the Valley was less than half of normal and one inch below the previous 64-year minimum. As a result of the continued rainfall deficiency, a large number of counties in the Valley area were designated to receive government drought relief late in 1953.

The greatest precipitation recorded in 24 hours was 6.90 inches at Coweeta No. 8, North Carolina, on February 20-21. Heavy rain fell at most stations along the Blue Ridge on these dates, causing moderate floods in the French Broad, Hiwassee, and Little Tennessee River watersheds.

Among the watershed subdivisions, the French Broad River area above Blantyre, North Carolina, recorded the maximum for the year with 72.9 inches. This was the twelfth time in 17 years that this area exceeded all others. The Blantyre area was the wettest in the Valley in January, February, June, August, and November. The Toccoa River area above Dial, Georgia, averaged 66.2 inches for 1953. Twenty-one other watershed areas received precipitation ranging between 50 and 70 inches. The minimum subdivision average precipitation was 38.0 inches on the Nolichucky River area between Embreeville and Morristown, Tennessee. The year was the fifth driest in 17 years of record in the watershed Six other watersheds averaged less than 40 inches of precipitation for the year. Precipitation on all watershed subdivisions is shown on the map on page 7. The tabulation on page 6 lists precipitation and runoff for 17 selected watersheds in the Valley.

The frontispiece shows the distribution of 1953 precipitation over the Tennessee River Basin. The map shows the characteristic high rainfall along the Blue Ridge which forms the southeastern boundary of the Basin and along the mountains that define the North Carolina-Tennessee state line. Precipitation in the shielded valleys to the north of the mountains is in many places only half of the ridgetop rainfall. The steepest precipitation gradient in 1953 was a decrease of 42.14 inches in the 8 miles between Coweeta No. 8 and Otto, North Carolina. The elevation drop is 1580 feet. There was a drop in rainfall nearly as great from Mt. Mitchell to Barnardsville, North Carolina. The precipitation gradient between these two stations was 40.98 inches in 10 miles with an elevation change of 4370 feet.

Snowfall occurred in the Basin in January, February, March, April, October, November, and December. The average depth over the Basin for the year was 4.6 inches, based on reports from 370 stations. The average depth in the eastern half was 8.0 inches and in the western half 0.8 inches. Maximum depth for the year was 48.0 inches at Cataloochee Ranch, North Carolina, in the Pigeon River watershed. Snowfall at McKinney Gap and Parker, North Carolina, and at Crandull, Tennessee, was between 30 and 35 inches. Seven other stations recorde depths of 20 to 30 inches.

The snowfall of February 14-15, 1953, caused considerable damage to power and telephone lines over the area east of Guntersville Dam. The damage occurred when the heavy wet snow clung to the utility wires.

Monthly Reports

Monthly issues of the bulletin "Precipitation in Tennessee River Basin published in 1953 contain tabulations of daily precipitation at stations in or near the Basin, together with isohyetal maps of monthly precipitation, maps showing monthly mean precipitation on watershed subdivisions, discussions of weather conditions and storms, tabulations of rainfall and runoff on selected watersheds, intense rainfall data, and other information.

Special Reports

Reports on eighteen investigations of storms and studies of weather phenomena were contained in monthly issues of this publication during 1953. A list of these reports and the date of the issue in which they appear follows:

SPECIAL INVESTIGATIONS DURING 1953

Subject	Monthly Bulletin Containing Report
Windstorm of January 20, 1953, near McMinnville, Tennessee	January
Snowfall of February 14-15, 1953	February
Flood of February 21, 1953, in French Broad River Basin	February
Flood of February 21, 1953, in Hiwassee River Basin	February
Flood of February 21, 1953, in Little Tennessee River Basin	February
Flood of February 21, 1953, in Little River Basin	February
Tornado of May 2, 1953, in Meigs, McMinn, and Monroe Counties, Tennessee	May
Windstorm of May 2, 1953, near Byington, Tennessee	May
Windstorm of May 4, 1953, at Knoxville Airport, Tennessee	May
High Water of May 18-19, 1953, in Upper Clinch River Basin	May
Severe Thunderstorms in June 1953	June
Hailstorm of June 19, 1953, at Dillard Georgia	June
Rainstorm of July 6, 1953, near Groseclose, Virginia	July
Rainstorm of July 18, 1953, in Chattanooga, Tennessee, and Vicinity	July
Low Rainfall in August 1953	August
Drought Conditions	September
August - October Period Driest of Record	October
Record Dry August - November Period	November

TENNESSEE RIVER BASIN PRECIPITATION DURING 1953

Precipitation in Inches

	Above Hales Bar	Below Hales Bar	Tennessee River Basin			
					Deviation from Mean	
Month	1953	1953	1953	Mean	Monthly	Cumulative
January	5.23	5.84	5.51	4.75	+0.76	+0.76
February	6.28	6.95	6.59	4.69	+1.90	+2.66
March	4.37	5.77	5.02	5.53	-0.51	+2.15
April	3.59	6.37	4.89	4.43	+0.46	+2.61
May	5.03	5.30	5.16	4.14	+1.02	+3.63
June	4.27	1.99	3.21	4.29	-1.08	+2.55
July	4.82	4.98	4.89	4.98	-0.09	+2.46
August	1.94	0.90	1.45	4.33	-2.88	-0.42
September	3.21	2.78	3.01	3.15	-0.14	-0.56
October	0.78	0.50	0.65	2.93	-2.28	-2.84
November	1.62	1.15	1.40	3.43	-2.03	-4.87
December	4.74	5.43	5.06	4.73	+0.33	-4.54
Total	45.88	47.96	46.84	51.38		

Mean precipitation figures are for the period 1890-1949.

ANNUAL STREAM FLOW IN INCHES - 1953

	Water Year		Calendar Year	
Tennessee River at	1953	Mean	1953	Mean
Knoxville	16.25	19.56	15.60	19.53
Chattanooga	19.00	23.77	18.49	23.74

MAXIMUM PRECIPITATION

FOR VARIOUS TIME INTERVALS DURING 1953

No.	Station Name	Date of Record	Duration hours	Precipitation inches
446a	Centerville, Tenn.	June 20	0.2	1.60
88	Rock Island Powerhouse, Tenn.	September 5	0.3	1.67
232	Celo (near), N. C.	August 16	0.5	2.12
691	Lawrenceburg, Tenn.	July 20	1.0	3.10
728	McEwen, Tenn.	July 7	1.5	3.79
153	Little Hightower, Ga.	September 4-5	2.2	4.65
233a	Mt. Mitchell, N. C. (R)	September 19	8.0	4.93
723	Lake Toxaway, N. C.	September 4-5	13.5	6.20
200c	Coweeta No. 8, N. C.	February 20-21	24	6.90
663	Quebec, N. C. (R)	February 20-21	34	6.97
723	Lake Toxaway, N. C.	February 20-21	48	7.70
109	Flat Top, Ga.	July 17-23	168	9.36
201a	Highlands, N. C.	January	744	14.77
201a	Highlands, N. C.	Jan.-Feb.	1416	26.49
201a	Highlands, N. C.	Jan.-Mar.	2160	35.51
200c	Coweeta No. 8, N. C.	Jan.-June	4344	53.93
723	Lake Toxaway, N. C.	1953	8760	94.23

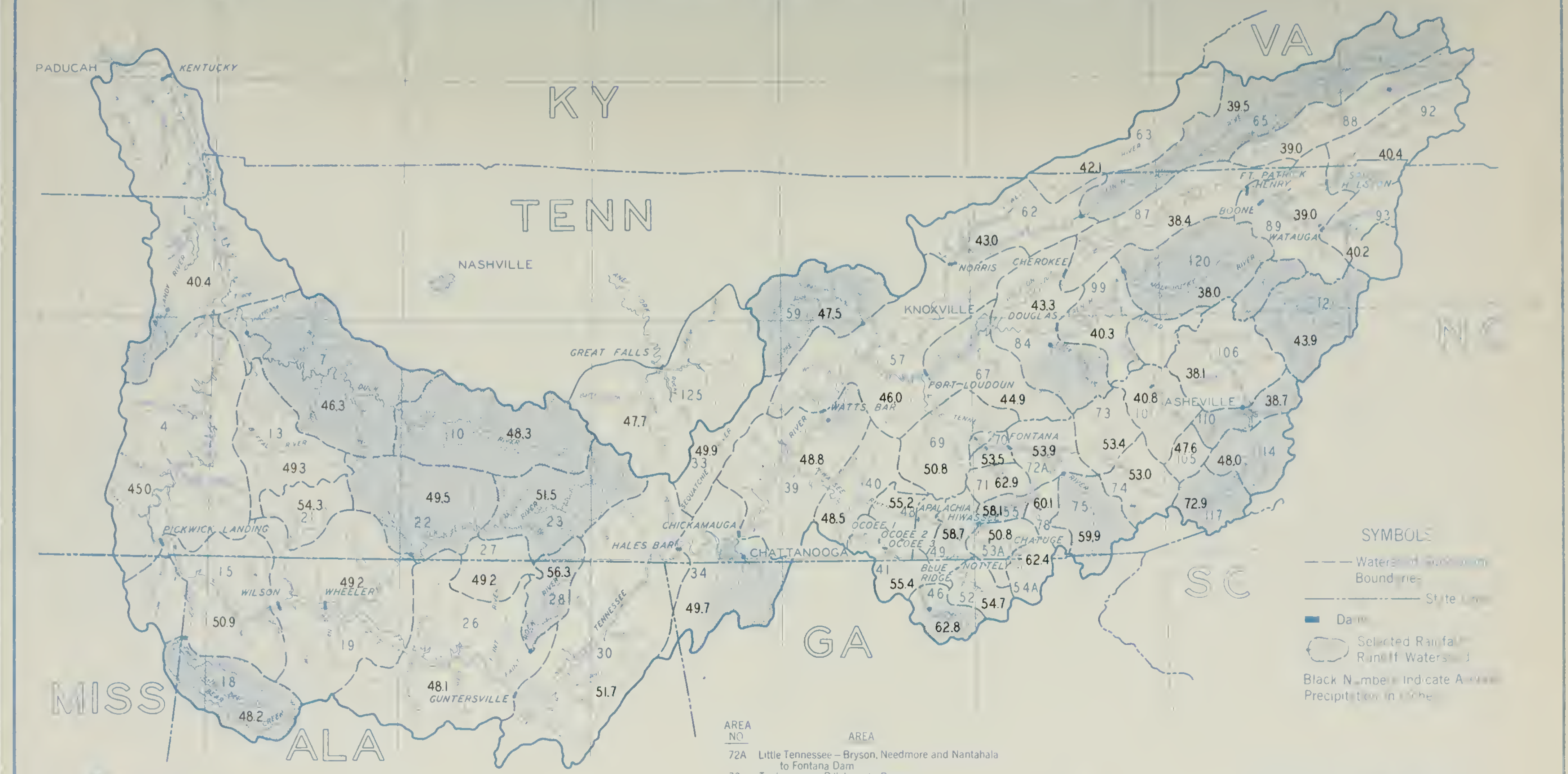
(R) Recording gage.

RAINFALL AND RUNOFF FOR SELECTED WATERSHEDS
For the Period January 1, 1953, to December 31, 1953

Stream	Station	Drainage Area sq. mi.	January 1 - December 31, 1953				Runoff in Percent of Rainfall	Rainfall Minus Runoff inches
			Rain-fall inches	Depar-ture inches	Run-off inches	Depar-ture inches		
Big Sandy River	Bruceton	205	44.0	-10.7	18.3	+0.2	41.6	25.7
Duck River	Hurricane Mills	2571	47.4	- 4.2	20.3	+1.4	42.8	27.1
Bear Creek	Bishop	667	48.2	- 6.1	20.3	+0.3	42.1	27.9
Elk River	Prospect	1784	50.4	- 3.9	20.0	-1.8	39.7	30.4
Paint Rock River	Woodville	320	56.3	+ 0.4	26.6	+0.9	47.2	29.7
Short Creek	Albertville	92	Discontinued October 1, 1953					
South Chickamauga Creek	Chickamauga	428	47.8	- 6.9	19.1	-2.2	40.0	28.7
Toccoa River	Dial	177	66.2	a	31.7	-2.7	47.9	34.5
Valley River	Tomotla	104	58.1	- 7.3	26.3	-3.8	45.3	31.8
Sewee Creek	Decatur	117	43.2	-11.2	17.1	-5.9	39.6	26.1
Emory River	Oakdale	764	47.5	- 5.2	19.3	-4.6	40.6	28.2
Clinch River	Tazewell	1474	39.5	- 5.5	15.7	-4.0	39.7	23.8
Little Tennessee River	Needmore	436	59.9	- 0.5	26.7	-4.2	44.6	33.2
North Fork Holston River	Saltville	222	40.7	+ 0.5	16.1	-2.0	39.6	24.6
Little Pigeon River	Sevierville	353	47.5	- 6.1	18.0	-3.0	37.9	29.5
Nolichucky River	Morristown	1679	40.8	- 4.9	14.8	-3.1	36.3	26.0
French Broad River	Asheville	945	53.1	- 4.3	22.7	-4.2	42.7	30.4

a = 0.05 inch or less.

Locations of watersheds are shown on the map "Average Precipitation on Watershed Subdivisions." Runoff data are furnished by the U. S. Geological Survey and are tentative.



AREA NO	AREA
1	Tennessee – Johnsonville to Mouth
4	Tennessee – Pickwick to Johnsonville
7	Duck – Columbia to Mouth
10	Duck – Above Columbia
13	Buffalo – Above Lobelville
15	Tennessee – Florence to Pickwick
18	Bear Creek – Above Bishop
19	Tennessee – Decatur to Florence
21	Shoal Creek – Above Iron City
22	Elk – Fayetteville to Prospect
23	Elk – Above Fayetteville
26	Tennessee – Guntersville to Decatur
27	Flint – Above Chase
28	Paint Rock – Above Woodville
30	Tennessee – Hales Bar to Guntersville
33	Sequatchie – Above Whitwell
34	Tennessee – Chickamauga to Hales Bar
39	Tennessee – Watts Bar to Chickamauga
40	Hiwassee – Reliance and Ocoee No 1 to Charleston

AREA NO	AREA
41	Ocoee – Blue Ridge to Ocoee No 1
46	Toccoa – Above Blue Ridge
48	Hiwassee – Hiwassee Dam to Reliance
49	Hiwassee – Murphy, Nottely Dam and Tomotla to Hiwassee Dam
52	Nottely – Above Nottely Dam
53A	Hiwassee – Chatuge Dam to Murphy
54A	Hiwassee – Above Chatuge Dam
55	Valley – Above Tomotla
57	Tennessee and Clinch – Fort Loudoun to Watts Bar and Kingston to Norris Dam
59	Emory – Above Oakdale
62	Clinch – Arthur and Tazewell to Norris
63	Powell – Above Arthur
65	Clinch – Above Tazewell
67	Tennessee – Knoxville to Fort Loudoun
69	Little Tennessee – Calderwood to McGhee
70	Little Tennessee – Fontana and Santeetlah to Calderwood
71	Cheoah – Above Santeetlah

AREA NO	AREA
72A	Little Tennessee – Bryson, Needmore and Nantahala to Fontana Dam
73	Tuckasegee – Dillsboro to Bryson
74	Tuckasegee – Above Dillsboro
75	Little Tennessee – Above Needmore
78	Nantahala – Above Nantahala
84	French Broad and Holston – Douglas and Cherokee to Knoxville
87	Holston – Gate City and Kingsport to Cherokee Dam
88	North Fork of Holston – Above Gate City
89	South Fork of Holston – South Holston Dam and Watauga Dam to Kingsport
92	South Fork of Holston – Above South Holston Dam
93	Watauga – Above Watauga Dam
99	French Broad – Hartford, Newport and Bent Creek to Douglas Dam
101	Pigeon – Canton to Hartford
105	Pigeon – Above Canton
106	French Broad – Asheville to Newport
110	French Broad – Bent Creek to Asheville
114	French Broad – Blantyre to Bent Creek
117	French Broad – Above Blantyre
120	Nolichucky – Embreeville to Above Morristown
121	Nolichucky – Above Embreeville
125	Caney Fork – Above Great Falls Dam

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

AVERAGE PRECIPITATION
ON
WATERSHED SUBDIVISIONS

YEAR 1953

SCALE [illegible]

AVERAGE PRECIPITATION ON WATERSHED SUBDIVISIONS

1953 MONTHLY AND ANNUAL

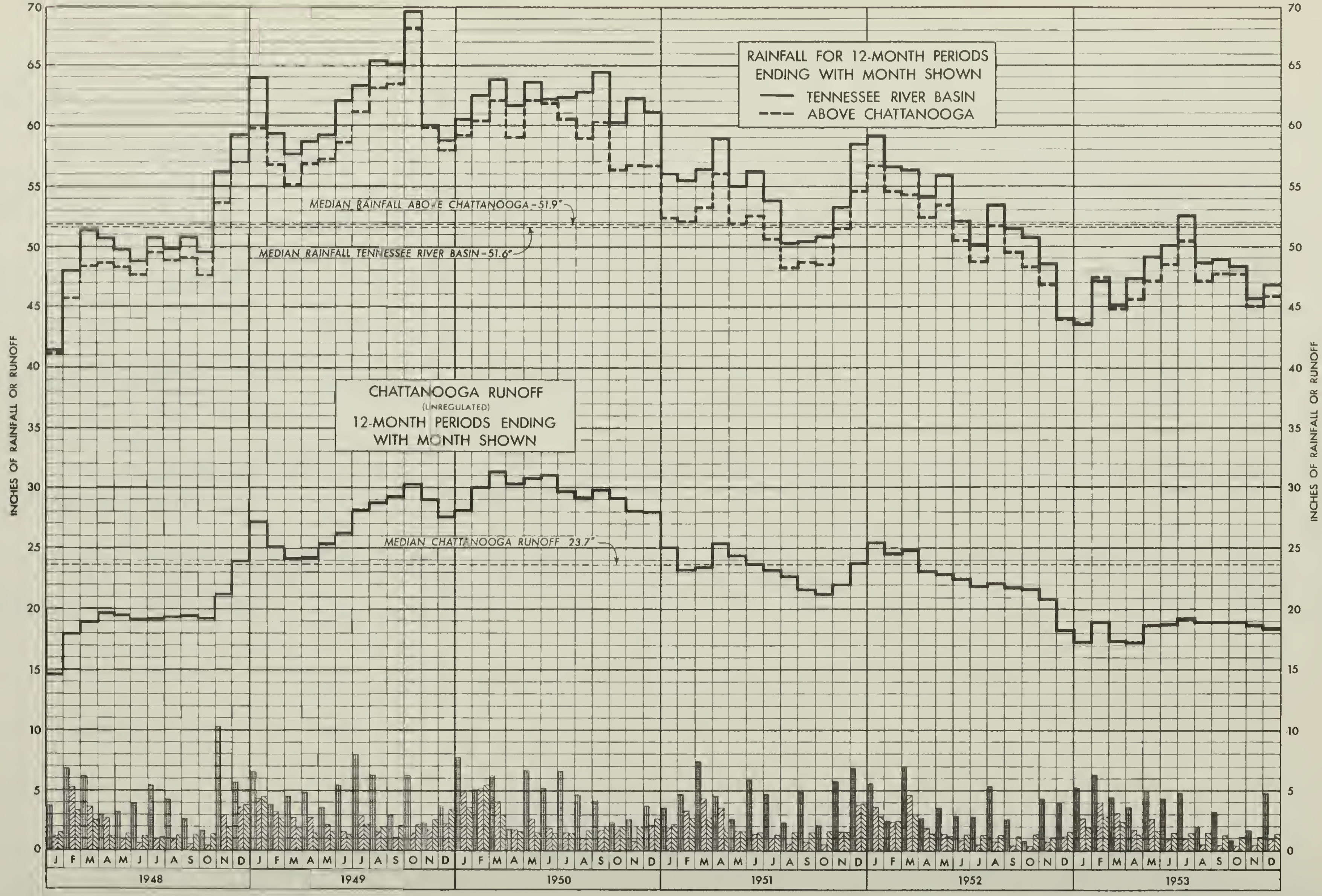
Subdivision		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
		Average Precipitation--Inches												
Entire Tennessee River Basin	1953 Average	5.51	6.59	5.02	4.89	5.16	3.21	4.89	1.45	3.01	0.65	1.40	5.06	46.84
	17 Yr. Average	5.78	5.23	5.47	3.94	3.90	4.07	5.00	4.19	3.13	2.40	3.80	4.44	51.35
Area Above Hales Bar	1953 Average	5.23	6.28	4.37	3.59	5.03	4.27	4.82	1.94	3.21	0.78	1.62	4.74	45.88
	17 Yr. Average	5.11	4.80	5.11	3.64	3.97	4.32	5.58	4.50	3.15	2.50	3.42	4.20	50.30
Area Below Hales Bar	1953 Average	5.84	6.95	5.77	6.37	5.30	1.99	4.98	0.90	2.78	0.50	1.15	5.43	47.96
	17 Yr. Average	6.55	5.72	5.88	4.28	3.83	3.79	4.34	3.84	3.11	2.28	4.23	4.72	52.57
French Broad Above Newport	1953 Average	5.63	6.33	4.48	2.56	4.01	4.52	3.91	2.93	3.94	0.91	1.93	4.60	45.75
	17 Yr. Average	4.28	4.17	5.07	3.45	3.77	4.71	5.92	5.37	3.48	2.83	3.29	3.91	50.25
French Broad Above Douglas Dam	1953 Average	4.96	5.97	4.44	2.74	4.57	4.22	3.91	2.45	3.23	0.81	1.65	4.02	42.97
	17 Yr. Average	4.26	4.13	4.73	3.33	3.71	4.43	5.75	4.83	3.25	2.62	3.17	3.69	47.90
Holston Above Cherokee Dam	1953 Average	3.85	4.66	4.20	2.82	5.61	4.65	3.96	1.46	2.68	0.76	1.14	3.52	39.31
	17 Yr. Average	4.01	3.76	3.90	3.00	4.01	4.14	5.39	4.32	2.86	2.16	2.85	3.26	43.66
Holston and French Broad Above Knoxville	1953 Average	4.49	5.50	4.30	2.85	5.13	4.47	3.94	1.99	2.93	0.79	1.45	3.76	41.60
	17 Yr. Average	4.24	4.07	4.41	3.22	3.85	4.28	5.59	4.57	3.07	2.41	3.06	3.55	46.32
Little Tennessee Above McGhee	1953 Average	6.84	7.88	4.86	4.31	5.17	3.88	5.34	2.70	4.19	1.16	2.33	6.36	55.02
	17 Yr. Average	6.18	5.67	6.37	4.26	4.34	4.73	6.30	5.20	3.54	2.84	3.98	5.15	58.56
Little Tennessee Above Fontana Dam	1953 Average	6.86	8.07	4.85	3.96	4.66	4.37	5.57	2.92	3.89	1.06	2.51	7.07	55.79
	17 Yr. Average	6.20	5.73	6.55	4.27	4.21	4.84	6.44	5.34	3.72	2.92	4.04	5.28	59.54
Clinch Above Norris Dam	1953 Average	4.30	4.89	4.42	3.00	5.77	5.77	3.77	1.48	2.16	0.50	1.53	3.43	41.02
	17 Yr. Average	4.76	4.33	4.42	3.25	3.96	4.33	5.18	4.29	2.77	2.20	3.17	3.58	46.24
Hiwassee Above Charleston	1953 Average	7.01	7.67	4.08	4.63	4.58	3.32	6.62	1.98	5.59	1.07	1.96	6.72	55.23
	17 Yr. Average	5.95	5.64	6.37	4.30	4.12	4.59	6.03	4.77	3.43	2.75	3.78	5.11	56.84
Hiwassee Above Hiwassee Dam	1953 Average	7.12	7.62	4.03	4.61	4.01	3.67	6.87	2.03	6.35	1.19	2.20	7.00	56.70
	17 Yr. Average	5.90	5.67	6.52	4.47	4.15	4.87	6.41	4.95	3.59	2.77	3.71	5.15	58.16

Note: 17 Year Averages Based on 1937-1953 Averages.

EVAPORATION DATA—YEAR 1953

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Evaporation (Inches)	Paris, Tenn.	1.65	2.07a	3.50a	4.44	4.93	7.40	7.11	7.98	6.61	4.40	2.38	1.12a	53.59a
	Murphy, N. C.	0.94a	1.69a	3.46a	4.60	5.21a	6.53	5.74	5.60	4.54	3.09	1.55	0.98a	43.93a
	Beetree Dam, N. C.	1.00a	1.85a	3.17a	4.39	5.29	5.78	5.21	5.28	4.25a	2.73	1.53	1.01a	41.49a
	Jefferson City, Tenn.	0.62	1.19	2.81	4.10	5.14	5.80	5.70	5.82	4.51	2.98	1.44	0.64	40.75
Precipitation (Inches)	Paris, Tenn.	4.28	3.43	8.11	4.95	6.38	1.65	2.31	0.72	0.54	1.17	1.86	3.51	38.91
	Murphy, N. C.	7.04	7.09	4.50	5.42	4.17	1.95	6.40	0.95	5.73	0.85	1.99	6.62	52.71
	Beetree Dam, N. C.	5.57	5.73	3.32	2.33	3.69	3.47	1.08	3.45	5.92	0.93	2.17	3.92	41.58
	Jefferson City, Tenn.	3.47	5.49	3.75	2.95	5.76	4.73	2.15	1.08	1.96	0.49	1.39	2.92	36.14
Average Air Temperature (Degrees F)	Paris, Tenn.	42	41	50	55	70	79	80	78	72	61	47	38	59
	Murphy, N. C.	41	42	49	54	67	74	73	72	66	56	43	38	56
	Beetree Dam, N. C.	40	40	47	51	68	70	69	67	62	55	43	36	54
	Jefferson City, Tenn.	40	42	50	54	69	75	75	74	67	58	42	37	57
Average Water Temperature (Degrees F)	Paris, Tenn.	45a	49	55	59	73	86	84	83	74	65	50	41a	64a
	Murphy, N. C.	45a	49	57	61	75	83	84	81	73	63	49	41a	63a
	Beetree Dam, N. C.	41a	45	52	55a	71	78	78	76	68	58	45a	38a	59a
	Jefferson City, Tenn.	44	48	57	60	76	84	83	81	74	63	48	41a	63a
Average Relative Humidity (Percent)	Paris, Tenn.	73	67	73	71	80	69	70	65	64	69	68	74	70
	Murphy, N. C.	83	75	70	67	79	76	81	80	80	79	74	82	77
	Beetree Dam, N. C.	82	72	70	65	80	85	82	82	78	77	68	72	76
	Jefferson City, Tenn.	89	78	87	75	76	76	74	67	65	70	68	81	76
Average Wind Velocity (Miles Per Hour)	Paris, Tenn.	1.83	1.33	1.48	1.62	0.93	0.47	0.43	0.43	0.52	0.42	0.73	1.40	0.97
	Murphy, N. C.	0.51	0.58	0.85	0.87	0.33	0.32	0.15	0.14	0.24	0.22	0.22	0.33	0.40
	Beetree Dam, N. C.	1.65	1.65	2.24	1.93	0.83	0.58	0.39	0.37	0.49	0.73	0.93	1.32	1.09
	Jefferson City, Tenn.	0.81	0.78	1.08	0.96	0.40	0.27	0.37	0.32	0.34	0.38	0.52	0.80	0.59

a = Partly computed.



SYMBOLS:

- ▥ MONTHLY RAINFALL ABOVE CHATTANOOGA
- ▨ MONTHLY RUNOFF AT CHATTANOOGA (UNREGULATED)
- ▧ ACTUAL MONTHLY RUNOFF AT CHATTANOOGA (REGULATED)

RAINFALL AND RUNOFF
IN THE
TENNESSEE RIVER BASIN

PRECIPITATION STATISTICS FOR SELECTED STATIONS

Precipitation in Inches

			Maximum		Minimum		
Month	Mean	Median	Amount	Date	Amount	Date	1953
Elizabethton, Tennessee							
January	3.44	3.32	8.13	1947	0.46	1896	3.59
February	3.32	3.19	7.59	1944	0.48	1906	4.36
March	4.21	3.98	10.72	1899	1.37	1937	3.51
April	3.30	3.15	6.05	1912	0.65	1942	2.69
May	4.14	4.00	7.73	1915	1.08	1941	3.93
June	4.85	4.44	16.38	1872	1.33	1946	3.59
July	5.23	4.74	10.56	1896	1.10	1872	4.59
August	4.40	4.08	12.14	1901	0.89	1896	2.33
September	2.92	2.71	7.61	1928	0.30	1903	1.94
October	2.46	2.05	7.61	1918	0.02	1904	0.39
November	2.28	2.04	5.02	1948	0.61	1931	0.76
December	3.33	3.13	9.87	1872	0.80	1935	3.55
Annual	43.88	44.41	58.91	1928	29.06	1941	35.23
Hendersonville, North Carolina							
January	4.76	4.32	12.40	1906	0.39	1907	5.89
February	4.59	4.20	10.73	1891	0.54	1930	6.58
March	5.46	5.50	11.67*	1891	0.96	1930	4.91
April	4.15	4.12	9.38	1920	0.43	1915	2.91
May	4.49	4.08	12.70	1942	0.95	1914	#2.07
June	5.36	4.96	11.56	1934	0.96	1911	6.55
July	6.28	5.64	22.09	1916	1.74	1902	5.38
August	6.10	5.15	26.58	1901	0.49	1925	4.66
September	4.48	3.98	14.00	1906	0.22	1919	4.86
October	4.09	3.31	14.59	1918	0.01	1904	0.35
November	3.31	3.08	12.54	1948	0.21	1910	1.94
December	5.29	4.62	12.85	1918	1.13	1928	6.38
Annual	58.36	58.19	92.60	1901	32.55	1925	#52.48
Knoxville, Tennessee							
January	4.72	4.06	16.98	1882	1.29	1907	4.17
February	4.73	4.42	12.52	1873	0.56	1898	6.15
March	5.14	4.50	13.35	1917	0.72	1910	4.38
April	4.26	4.06	17.32	1874	0.70	1942	3.96
May	3.79	3.76	8.81	1938	0.71	1941	4.05
June	4.18	4.04	11.83	1928	1.39	1936	3.50
July	4.64	4.01	13.16	1917	0.69	1901	3.81
August	3.95	3.73	11.33	1920	1.10	1953	1.10
September	2.84	2.48	10.78	1944	0.22	1879	2.98
October	2.52	2.06	9.51	1925	0.07	1904	0.48
November	3.30	3.08	11.69	1948	0.17	1890	1.25
December	4.34	3.68	12.34	1901	0.95	1896	3.59
Annual	48.41	47.67	73.87	1875	33.67	1930	39.42

* Also Maximum for March 1952.

PRECIPITATION STATISTICS FOR SELECTED STATIONS--Continued

Precipitation in Inches

			Maximum		Minimum		
Month	Mean	Median	Amount	Date	Amount	Date	1953
			Murphy, North Carolina				
January	5.64	5.10	14.85	1882	1.75	1907	7.20
February	5.56	4.94	15.10	1873	0.56	1906	7.09
March	6.34	5.89	15.34	1917	2.09	1918	4.50
April	4.74	4.61	15.40	1874	0.30	1915	5.42
May	4.01	3.49	11.25	1929	0.46	1941	4.32
June	5.03	5.10	9.31	1884	1.53	1936	1.95
July	5.78	5.52	13.42	1950	1.23	1901	6.40
August	5.07	4.68	13.96	1920	0.95	1953	0.95
September	3.29	3.46	7.44	1951	0.20	1876	5.73
October	3.03	2.58	9.27	1949	T	1904	0.85
November	3.74	3.16	13.18	1948	0.51	1924	1.99
December	5.28	4.81	12.98	1932	1.09	1898	6.62
Annual	57.51	56.90	84.80	1875	40.00	1940	53.02
			Chattanooga, Tennessee				
January	5.26	4.74	14.74	1882	1.33	1907	4.89
February	5.00	4.84	12.30	1939	0.62	1941	7.24
March	5.96	5.26	14.05	1899	0.93	1910	3.96
April	4.65	4.18	15.29	1911	0.44	1942	4.75
May	3.91	3.86	12.00	1929	0.54	1941	4.38
June	4.13	4.13	9.40	1949	0.29	1931	1.99
July	4.68	4.79	13.49	1916	0.67	1902	7.49
August	3.88	3.33	12.36	1920	0.45	1929	2.76
September	3.04	2.54	9.18	1950	0.04	1919	2.85
October	3.01	2.59	11.91	1925	0.08	1938	0.40
November	3.50	3.08	13.59	1948	0.16	1890	0.93
December	5.10	4.62	11.69	1942	0.44	1889	5.96
Annual	52.12	52.03	72.37	1929	32.68	1904	47.60
			Lewisburg, Tennessee				
January	5.29	4.76	17.05	1950	1.26	1943	6.19
February	5.10	4.77	13.14	1939	1.08	1941	8.49
March	5.91	5.90	12.50	1902	0.94	1910	5.97
April	4.45	4.51	12.60	1912	0.56	1915	7.64
May	3.99	3.62	8.50	1933	0.60	1941	3.39
June	4.09	3.66	13.46	1900	0.72	1899	2.81
July	4.42	4.02	9.85	1941	1.25	1951	4.76
August	4.09	3.38	11.40	1923	0.57	1909	2.23
September	3.05	2.96	8.87	1906	0.32	1927	1.62
October	2.93	2.52	8.88	1919	0.05	1924	0.32
November	3.67	3.30	10.27	1948	0.46	1953	0.46
December	4.80	4.22	11.71	1922	1.01	1928	4.26
Annual	51.79	51.32	66.62	1950	37.42	1904	48.14

PRECIPITATION STATISTICS FOR SELECTED STATIONS--Continued

Precipitation in Inches

Muscle Shoals, Alabama*

			Maximum		Minimum		
Month	Mean	Median	Amount	Date	Amount	Date	1953
January	5.21	4.74	13.09	1950	1.98	1914	6.17
February	5.14	4.72	13.64	1948	0.54	1941	9.12
March	5.88	5.28	16.15	1897	1.26	1910	5.00
April	4.51	4.00	16.07	1892	0.74	1930	7.25
May	3.94	3.72	11.29	1939	0.16	1941	3.03
June	4.15	3.92	13.87	1900	0.60	1897	1.25
July	4.51	3.77	14.60	1916	0.77	1935	4.67
August	3.91	3.30	10.60	1894	0.35	1948	0.66
September	3.02	2.67	7.87	1890	0.00	1897	3.07
October	2.62	2.04	11.05	1918	0.00	1924	0.18
November	3.53	3.48	11.39	1948	0.16	1949	0.64
December	4.85	4.22	14.59	1926	1.10	1889	5.18
Annual	51.27	50.94	76.21	1932	30.92	1943	46.22

*Before December 1940 the Muscle Shoals, Alabama, station was at Florence, Alabama.

Johnsonville, Tennessee

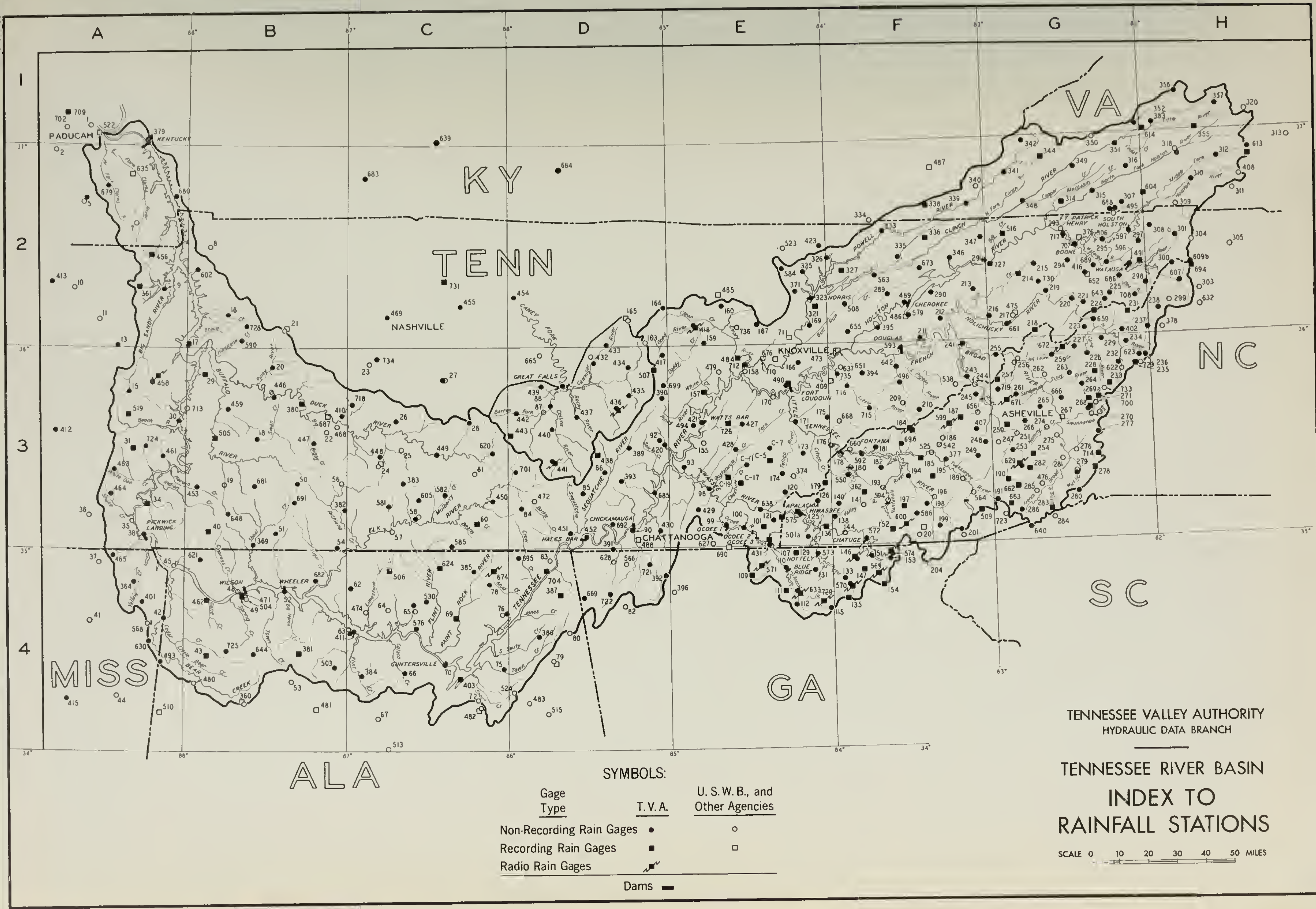
			Maximum		Minimum		
Month	Mean	Median	Amount	Date	Amount	Date	1953
January	5.54	4.48	23.51	1937	0.64	1944	4.35
February	4.27	3.84	9.56	1939	0.79	1947	3.91
March	5.30	5.22	13.07	1927	0.59	1910	7.00
April	4.70	4.22	12.29	1892	0.53	1887	7.03
May	4.37	3.46	10.19	1909	0.48	1951	6.21
June	4.09	3.54	13.34	1928	0.37	1930	1.07
July	4.16	3.84	10.12	1892	0.06	1890	2.25
August	3.87	2.92	13.70	1914	0.34	1948	0.47
September	3.48	3.18	11.31	1921	0.00	1897	0.85
October	2.92	2.58	11.44	1919	T	1924	0.80
November	4.20	3.64	11.90	1906	0.74	1949	1.42
December	4.60	3.86	14.66	1926	0.05	1889	2.89
Annual	51.50	49.94	76.17	1950	33.97	1941	38.25

MONTHLY AND ANNUAL RAINFALL AND RUNOFF

TENNESSEE RIVER ABOVE CHATTANOOGA, TENNESSEE

Drainage Area - 21,400 Square Miles

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL
Rainfall in Inches 1890 - 1953													
1953	5.23	6.28	4.37	3.59	5.03	4.27	4.82	1.94	3.21	0.78	1.62	4.74	45.88
Maximum	10.32	9.69	11.40	7.49	7.95	8.67	11.07	13.33	6.91	8.37	10.30	9.98	62.81
Minimum	1.42	0.96	1.37	0.95	0.80	1.73	2.69	1.25	0.77	0.17	0.44	1.06	37.23
Mean	4.54	4.59	5.33	4.08	4.10	4.51	5.34	4.60	3.24	2.87	3.15	4.55	50.90
Median	4.24	4.46	5.08	4.05	3.80	4.56	5.05	4.24	3.14	2.48	2.77	4.16	51.93
Runoff in Inches 1874 - 1953 (Unregulated)													
1953	2.70	4.04	3.09	1.66	2.67	0.91	0.92	0.43	0.42	0.34	0.38	0.93	18.49
Maximum	9.42	7.45	9.62	7.11	5.28	3.75	3.90	4.28	2.69	3.17	3.77	5.11	36.54
Minimum	0.50	0.62	1.30	1.01	0.61	0.50	0.45	0.26	0.21	0.30	0.30	0.41	11.22
Mean	3.08	3.24	3.77	2.95	2.03	1.46	1.36	1.17	0.87	0.80	1.10	1.91	23.74
Median	2.82	3.09	3.26	2.60	1.86	1.27	1.13	0.99	0.70	0.70	0.86	1.67	23.64
Runoff in Cubic Feet Per Second 1874 - 1953 (Unregulated)													
1953	50,100	83,100	57,300	31,900	49,500	17,400	17,000	8,000	8,100	6,300	7,300	17,200	29,100
Maximum	174,800	147,800	178,500	136,400	98,000	72,000	72,300	79,400	51,500	58,900	72,400	94,800	57,600
Minimum	9,200	12,700	24,100	19,400	11,300	9,600	8,300	4,760	3,990	5,510	5,800	7,700	17,690
Mean	57,200	66,600	70,000	56,600	37,700	28,000	25,200	21,700	16,700	14,800	21,100	35,500	37,400
Median	52,300	63,500	60,500	49,900	34,500	24,400	21,000	18,400	13,400	13,000	16,500	31,000	37,200



TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
INDEX TO RAINFALL STATIONS

SCALE 0 10 20 30 40 50 MILES

SYMBOLS:

Gage Type	T.V.A.	U. S. W. B., and Other Agencies
Non-Recording Rain Gages	●	○
Recording Rain Gages	■	□
Radio Rain Gages	⚡	

Dams ▬

REVISED 2-1-54

ANNUAL 1953 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	TENNESSEE RIVER - MOUTH TO JOHNSONVILLE																															
1	PADUCAH	A-1	USWB	333	72	4.35	4.37	2.36	3.62	6.29	4.93	3.86	4.54	4.76	3.90	4.70	4.06	1.61	3.43	1.30	3.46	0.53	3.04	2.25	2.90	1.56	3.84	2.58	3.59	36.15	45.68	T
522	PADUCAH, NEAR (R)	A-1	SCS	348	13	4.54	5.06	2.38	3.72	7.71	5.15	3.38	3.77	5.21	4.32	3.89	3.71	2.06	2.87	----	----	0.44	2.82	1.96	2.75	1.72	3.82	----	----	-----		---
702	PADUCAH AIRPORT	A-1	USWB	504	4	4.65		2.71		6.59		3.46		3.14		1.98		3.53		1.87		0.90		2.28		1.57		2.72		35.40		T
709	SHAWNEE STEAM PLANT (R)	A-1	TVA	355	3	4.30		1.93		6.33		4.14		3.20		2.36		2.23		1.34		0.35		2.01		1.27		2.87		32.33		---
2	LOVELACEVILLE	A-2	USWB	479	29	4.41	4.68	2.86	3.90	6.89	5.32	3.32	4.78	4.11	3.75	2.52	4.46	2.50	2.67	2.28	3.58	0.69	3.58	2.62	3.53	1.53	3.50	3.78	3.62	37.51	47.37	0.1
379	KENTUCKY DAM (R)	A-1	TVA	362	16	3.96	4.85	2.13	4.29	7.66	5.30	3.97	4.09	5.65	3.99	2.01	3.82	2.86	3.18	0.30	3.31	0.59	2.73	1.52	2.32	1.72	4.06	3.29	3.68	35.66	45.62	---
379A	KENTUCKY DAM	A-1	TVA	362	9	4.19	6.05	2.26	4.64	7.94	5.69	3.85	3.77	5.58	4.26	1.90	3.90	2.67	3.17	0.26	3.07	0.54	3.47	1.54	2.55	1.68	4.89	3.17	4.27	35.58	49.73	T
679	BICKSVILLE	A-2	TVA	440	6	3.75	7.46	2.67	5.31	8.60	6.68	4.12	3.48	6.49	3.90	1.12	3.94	3.14	4.21	1.56	3.88	0.00	3.31	1.53	2.40	0.86	4.46	3.46	5.88	37.30	54.91	T
5	MAYFIELD	A-2	USWB	364	41	3.79	4.71	2.94	3.35	8.42	4.84	4.35	4.41	6.69	4.12	1.16	3.73	4.44	3.88	0.83	3.48	0.44	3.07	1.44	2.98	2.15	3.73	2.86	3.99	39.51	46.29	2.0
5A	MAYFIELD SUBSTA.	A-2	TVA	364	10	4.33	5.71	2.76	5.04	7.97	6.10	4.47	3.98	7.07	4.89	1.52	3.96	3.23	4.00	0.79	3.16	0.62	3.39	1.32	2.81	2.22	4.72	2.91	4.61	39.21	52.37	2.0
635	BENTON (R)	A-2	USWB	410	9	4.00	6.97	2.38	4.74	8.64	5.92	----	----	5.98	4.04	3.14	4.16	----	----	2.07	2.99	0.40	3.13	1.43	1.70	1.67	4.29	----		-----		---
7	MURRAY	A-2	USWB	412	28	3.45	5.22	2.88	3.99	9.72	5.55	4.27	4.41	7.47	4.16	1.13	4.03	1.79	3.26	1.79	3.32	0.40	3.38	1.35	3.00	1.46	3.31	3.73	3.79	39.44	47.42	T
680	TURKEY CREEK SCHOOL	A-2	TVA	345	6	4.13	7.32	3.30	5.22	8.63	6.93	5.20	2.98	7.58	4.27	1.42	4.12	5.31	3.22	1.48	3.80	0.61	3.72	1.43	2.37	1.73	4.74	4.05	5.47	44.87	54.16	1.8
8	DOVER	B-2	USWB	492	56	4.12	5.49	3.00	3.88	10.10	5.31	5.25	3.86	7.25	3.90	0.77	4.03	5.28	3.95	0.74	3.65	1.19	3.46	0.73	3.37	1.81	3.84	3.22	4.30	43.46	49.04	2.5
602	DOVER FIRE TOWER, NEAR	B-2	TVA	410	11	4.87	6.35	3.08	4.85	9.03	5.83	5.64	4.28	7.48	4.21	0.69	4.10	1.90	4.42	1.03	3.18	0.68	3.88	0.89	2.80	1.76	5.31	3.32	5.58	40.37	54.79	T
456	BUCHANAN (R)	A-2	TVA	435	14	3.56	5.30	3.54	4.39	9.33	6.03	5.52	3.95	5.96	4.09	1.10	3.74	2.75	4.06	0.57	3.71	0.43	3.07	1.04	2.82	1.76	4.68	3.58	4.23	39.14	50.07	---
9	SPRINGVILLE	A-2	TVA	400	39	4.49	5.75	3.39	3.99	9.85	5.38	5.66	4.25	7.27	4.51	1.36	3.47	0.80	3.89	0.84	3.61	0.83	3.18	0.92	2.89	2.26	4.13	3.09	4.67	40.76	49.72	1.5
10	DRESDEN	A-2	USWB	422	30	3.61	5.68	3.27	4.15	9.08	5.46	5.30	4.35	8.44	4.70	2.41	4.16	1.47	3.48	1.18	3.51	0.52	3.27	1.63	3.17	1.76	4.01	3.96	4.38	42.63	50.32	1.0
361	PARIS EVAP. STA. (R)	A-2	TVA	455	17	4.15	5.74	3.23	4.19	7.79	5.47	5.31	4.19	6.77	4.26	1.65	3.97	1.99	4.22	0.72	3.74	0.54	3.40	1.13	3.35	1.82	4.07	3.52	4.53	38.62	51.13	---
11	MCKENZIE	A-2	USWB	475	20	3.59	5.70	4.52	4.09	10.87	5.43	5.19	4.33	7.56	4.39	1.80	3.92	1.57	4.01	0.41	3.48	0.48	3.45	1.14	3.31	1.86	4.00	3.72	4.36	42.71	50.47	0.3
13	HUNTINGDON	A-2	TVA	430	24	2.88	6.24	3.85	4.20	9.20	6.09	7.15	4.41	8.68	4.58	2.15	3.83	2.52	4.27	0.47	3.34	0.55	3.25	0.75	2.84	2.35	4.01	3.05	4.32	43.60	51.38	0.5
15	WILDERSVILLE	A-3	TVA	480	38	4.45	6.13	5.50	4.24	7.31	5.31	6.44	4.53	8.97	4.55	1.38	4.07	2.41	4.08	0.19	4.02	0.74	3.16	#0.85	2.90	1.87	4.16	4.82	4.85	#44.93	52.00	T
16	ERIN, NEAR	B-2	TVA	470	18	5.20	6.77	3.75	4.42	7.92	5.74	6.20	3.96	7.11	3.97	1.78	3.71	3.18	4.51	0.92	3.47	1.15	3.15	1.23	2.60	2.18	4.19	3.69	4.68	44.31	51.17	3.2
	DUCK RIVER																															
459	PLEASANTVILLE	B-3	TVA	495	14	6.02	6.67	5.61	5.04	5.55	5.96	7.50	4.32	5.56	3.94	2.14	3.45	6.16	3.67	0.00	3.95	1.02	2.81	0.55	2.05	1.44	4.94	3.78	4.90	45.33	51.70	T
713	POPE	B-3	USWB	395	3	6.10		5.10		5.12		7.73		5.99		3.07		3.32		0.00		0.86		0.99		1.72		4.39		44.39		0.5
505	SUGAR HILL (R)	B-3	TVA	580	13	5.66	7.32	6.04	5.28	5.47	5.56	7.58	4.12	5.37	3.52	2.72	2.67	3.58	2.95	0.02	4.40	0.77	3.01	0.40	1.96	1.29	4.73	3.30	4.82	42.20	50.34	---
18	BOHENWALD	B-3	TVA	975	66	8.58	5.59	6.92	4.97	5.40	5.93	7.29	4.65	5.25	4.30	2.05	3.57	5.18	3.40	0.42	4.42	1.70	3.12	0.26	3.04	1.11	4.40	4.45	4.92	48.61	52.31	2.0
598	WAYNESBORO, NEAR	B-3	TVA	860	10	7.24	8.35	7.70	6.39	6.53	6.44	#8.58	4.85	4.92	3.99	2.80	3.86	DISCONTINUED JULY 1, 1953												-----	-----	---
19	WAYNESBORO	B-3	USWB	730	69	7.63	5.40	7.43	5.28	7.25	6.07	8.00	5.10	4.71	4.72	3.98	4.09	4.72	4.38	1.66	4.46	1.43	3.27	0.39	3.15	0.95	4.60	#5.18	5.10	#53.33	55.62	2.5
590	MCEWEN, NEAR	B-2	TVA	532	12	6.23	5.94	3.99	5.60	6.78	7.28	6.41	3.52	5.67	4.88	3.69	4.39	6.06	4.42	0.00	3.66	0.72	3.04	0.40	2.38	2.00	4.73	4.04	5.22	45.99	55.06	0.2
728	MCEWEN	B-2	TVA	805	1	6.07		3.81		#7.04		6.97		6.92		2.44		9.11		0.10		0.83		0.69		2.11		3.71		#49.80		2.5
20	PINEWOOD	B-3	TVA	520	38	6.60	6.05	5.24	4.10	5.98	5.28	7.85	4.68	5.82	4.04	2.48	3.52	3.52	4.05	0.17	3.87	1.33	2.67	0.60	2.69	1.30	3.84	3.51	4.94	44.40	49.73	T
21	DICKSON	B-2	USWB	800	62	7.54	5.66	4.26	4.39	8.24	5.84	5.16	4.46	6.09	4.53	1.14	4.09	5.01	4.41	0.18	3.94	0.95	2.93	0.80	3.15	2.04	4.07	3.41	4.69	44.82	52.16	2.0
21A	DICKSON (R)	B-2	USWB	800	14	6.94	5.66	4.13	4.39	8.80	5.84	4.29	4.46	5.48	4.53	1.33	4.09	4.79	4.41	----	3.94	0.90	2.93	0.73	3.15	1.53	4.07	3.46	4.69	-----	52.16	---
446	CENTERVILLE SUBSTA.	B-3	TVA	550	14	6.28	6.62	5.33	5.13	6.05	5.57	7.19	4.22	6.35	3.58	3.05	3.62	6.55	4.09	0.05	4.11	1.73	2.95	0.42	1.94	1.27	4.61	3.62	4.66	47.89	51.10	0.5
446A	CENTERVILLE	B-3	USWB	630	8	6.38	8.49	4.88	5.47	6.11	5.61	6.87	4.31	6.87	4.59	1.67	4.77	6.34	4.57	T	3.28	1.71	2.10	0.52	2.22	1.15	4.36	#3.44	4.51	#45.94	54.28	2.5
380	SHADY GROVE (R)	B-3	TVA	580	15	7.46	6.09	5.96	5.71	5.51	5.37	7.38	4.18	4.69	3.18	1.88	3.56	4.56	3.91	0.62	3.60	1.12	2.50	0.30	1.79	0.84	4.31	3.94	4.46	44.26	48.66	---
447	MT. PLEASANT SUBSTA.	B-3	TVA	610	14	5.63	5.78	6.86	6.03	6.92	5.76	8.08	4.16	5.05	3.42	3.04	3.40	5.13	3.87	0.57	3.78	1.73	3.21	0.26	2.07	0.70	4.18	4.94	4.77	48.91	50.43	0.5
687	MONSANTO (R)	B-3	MCCO	625	6	6.45	9.86	7.41	6.22	6.80	5.84	6.48	3.44	7.84	4.07	1.00	4.02	5.18	3.85	0.00	2.77	1.55	2.08	0.24	2.66	0.67	4.66	4.83	5.44	48.45	54.91	T
22	ASHWOOD	B-3	USWB	725	81	6.73	5.14	6.72	4.90	7.61	5.88	7.13	4.17	5.46	4.37	2.93	3.71	8.40	3.80	0.04	4.00	2.06	3.17	0.21	2.89	0.79	4.00	4.82	4.59	52.90	50.62	T
468	COLUMBIA	B-3	USWB	675	6	6.73		6.35		7.41		6.33		5.66		2.38		7.25		0.14		2.28		0.23		0.65		4.85		50.26		T
410	COLUMBIA SUBSTA.	B-3	TVA	620	15	6.77	5.86	6.65	5.71	6.50	5.52	7.19	4.09	7.21	3.31	1.60	3.79	5.78	3.52	0.11	4.26	1.72	3.45	0.24	2.13	0.57	4.27	4.68	4.70	49.02	50.61	T
718	NEAPOLIS	C-3	TVA	720	2	6.43		6.88		5.77		6.80		6.04		1.40		7.26		0.00		1.77		0.19		0.69		4.53		47.76		T
734A	FRANKLIN, NEAR	C-3	TVA	745	-																	ESTABLISHED OCTOBER 15, 1953				0.76		3.79		-----		---
23	FRANKLIN	C-3	USWB	625	65	7.32	5.16	5.04	4.60	5.73	5.42	6.81	3.93	6.76	3.91	4.15	3.54	#5.74	3.98	0.40	4.01	1.15	2.72	0.28	2.45	0.76	3.85	3.96	4.21	#48.10	47.78	T
448	LEWISBURG NO. 2 SUBSTA.	C-3	TVA	740	14	6.21	6.07	7.66	6.27	5.58	5.47	7.48	4.12	4.01	3.78	4.53	3.36	5.70	4.64	0.28	3.21	1.75	3.37	0.30	2.01	0.49	4.07	#4.23	4.37	#48.22	50.74	T
24	LEWISBURG, NEAR	C-3	USWB	787	60	6.19	5.21	8.49	5.49	5.97	5.81	7.64	4.30	3.39	4.15	2.81	4.12	4.76	4.18	2.23	3.63	1.62	2.69	0.32	2.90	0.46	4.19	4.26	4.75	48.14	51.42	1.0
24A	LEWISBURG, NEAR (R)	C-3	USWB	787	14	6.26	5.21	8.42	5.49	6.71	5.81	6.79	4.30	3.42	4.15	2.73	4.12	----	4.18	----	3.63	1.46	2.69	0.33	2.90	0.25	4.19	3.92	4.75	-----	51.42	---
25	PALMETTO	C-3	USWB	770	64	7.49	4.93	7.49	5.15	5.32	5.39	6.64	3.95	4.25	4.25	1.74	4.05	6.74	4.59	0.56	3.80	2.09	2.62	0.41	3.03	0.64	4.00	4.17	4.54	47.54	50.30	0.5
26	CHAPEL HILL	C-3	TVA	675	18	7.15	6.37	6.55	5.72	5.40	5.39	6.14	4.00	5.28	4.08	2.24	3.14	4.64	4.19	0.07	3.71	2.01	3.22	0.18	2.38	0.30	4.37	4.44	4.20	44.40	50.77	T
27A	MURFREESBORO	C-3	USWB	608	72	6.58	4.96	5.83	4.78	5.11	5.49	6.05	4.00	6.63	3.83	2.16	3.22	7.52	4.29	2.90	3.90	1.48	2.82	0.36	2.64	0.60	4.13	3.47	4.35	48.69	48.41	T
27B	MURFREESBORO SUBSTA.	C-3	TVA	580	14	6.72	5.81	6.18	5.68	4.90	5.35	6.35	3.72	6.59	3.93	1.97	3.02	6.10	4.27	3.29	3.69	1.59	3.25	0.30	1.82	0.39	4.76	3.50	4.61	47.88	49.91	1.5
449A	SHELBYVILLE (R)	C-3	TVA	745	1	#5.26		7.71		4.55		6.25		4.68		1.69		4.12		0.11		3.00		0.42		0.75		3.68		#42.22		---
449	SHELBYVILLE	C-3	TVA	742	14	6.16	6.30	8.04	6.35	5.19	5.55	6.37	3.89	5.06	3.80	1.94	3.82	4.94	4.01	0.27	3.26	3.25	3.54	0.46	2.12	0.87	4.19	4.43	4.72	46.98	51.55	T
28	BEECH GROVE	C-3	TVA	875	17	7.33	6.81	7.08	6.22	5.43	5.76	5.45	3.69	5.09	4.26	1.55	3.95	5.85	4.24	2.50	4.63	3.00	3.50	0.50	2.26	1.10	4.45	4.36	4.64	49.24	54.41	0.8
620A	MANCHESTER	C-3	TVA	1046	4	7.00		7.83		5.06		5.21		4.85		1.91		6.71		1.38		6.18		0.43		1.37		5.49		53.42		4.0
	TENNESSEE RIVER - JOHNSONVILLE TO PICKWICK																															
17A	JOHNSONVILLE STEAM PLANT (R)	B-2	TVA	385	4	4.35		3.91		7.00		7.03		6.21		1.07		2.25		0.47		0.85		0.80		1.42		2.89		38.25		---
17B	JOHNSONVILLE STEAM PLANT	B-2	TVA	385	2	4.20		3.88		7.17		6.90		6.48		1.10		2.28		0.44		0.90		0.79		1.51		2.84		38.49		T
458	CAVVIA	A-3	TVA	580	14	4.59	5.81	3.30	4.57	8.01	6.36	6.08	4.53	8.61	4.15	2.61	3.40	2.53	4.03	0.16	3.92	0.91	3.60	0.90	2.69	1.56	5.14	3.95	4.70	43.21	52.90	T
29	CUBA LANDING (R)	B-3	TVA	425	18	5.47	6.48	3.98	4.53	7.34	5.64	6.59	4.00	6.44	3.85	1.76	3.54	3.42	3.94	0.03	2.91	0.99	2.43	0.46	2.38	1.50	4.09	4.06	4.39	42.04	48.18	---
30	PERRYVILLE	A-3	TVA	365	58	6.74	6.04	5.50	4.65	5.62	5.89	6.86	4.26	6.68	4.12	2.70	3.82	3.69	3.83	T	3.83	0.81	3.11	0.68	3.08	1.30	4.10	3.81	4.70	44.39	51.43	---
724	SCOTTS HILL	A-3	TVA	520	1	5.29		#6.15		4.70		8.30		7.39		1.54		2.36		0.51		1.06		0.56		1.72		4.70		#44.28		T
519	OAK GROVE (R)	A-3	TVA	510	13	4.03	6.70	5.36	4.76	6.66	5.81	6.40	4.54	7.97	4.47	1.51	3.46	#2.35	3.35	#1.18	3.74	0.68	3.42	0.76	2.78	1.74	5.13	4.13	4.94	#42.77	53.10	---
461	DUNBAR, TENNESSEE	A-3	TVA	535	14	5.95	6.49	5.04	5.15	5.74	5.97	7.45	4.47	6.22	3.91	2.83	3.43	2.73	3.00	0.60	3.90	0.79	2.86	0.67	2.40	1.31	4.86	4.02	5.07	43.35	51.51	T
453	CLIFTON JUNCTION	B-3	TVA	474	14	6.74	6.09	7.51	5.66	6.48	6.04	7.53	4.66	4.74	3.31	4.02	3.55	5.82	3.28	0.40	3.39	0.83	2.97	0.59	2.10	0.93	4.70	5.10	4.77	50.69	50.52	T

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1953 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	TENNESSEE RIVER - JOHNSONVILLE TO PICKWICK (CONT'D)																															
40	VICTORY (R)	B-3	TVA	850	18	5.76	6.79	10.08	6.58	7.25	6.24	8.36	5.04	5.64	4.09	1.34	3.87	2.84	4.49	0.51	4.38	1.63	3.42	0.32	2.96	1.00	5.02	4.97	5.10	49.70	57.98	---
31	REAGAN (R)	A-3	TVA	570	32	4.27	5.43	5.94	4.37	4.80	4.82	8.38	4.46	7.96	3.93	1.54	3.91	1.87	3.65	0.07	3.40	0.73	2.94	0.64	2.59	1.33	4.08	4.22	4.89	41.75	48.47	---
463	ENVILLE	A-3	TVA	537	14	5.25	8.26	6.28	5.12	5.02	5.89	9.03	4.31	9.14	4.35	1.32	2.80	3.85	3.48	0.70	3.20	0.60	2.67	0.11	2.23	1.30	4.86	#4.24	4.43	#46.84	51.60	T
34	SAVANNAH	A-3	USWB	440	71	6.18	5.94	5.42	5.00	#5.45	6.24	6.37	4.57	#5.66	4.40	0.93	4.33	5.33	3.83	0.36	4.22	0.94	3.35	0.59	3.28	1.07	4.45	4.58	4.91	#42.88	54.52	T
34A	SAVANNAH (R)	A-3	TVA	450	9	6.25	8.63	6.76	6.15	5.45	5.96	7.71	4.15	5.66	4.60	0.82	3.14	4.72	3.38	0.18	3.01	0.86	3.04	0.50	1.98	0.93	5.51	4.26	4.49	44.10	54.04	---
464	LEAPWOOD, NEAR	A-3	TVA	540	14	5.12	6.38	7.32	5.65	5.55	6.20	6.77	4.18	7.60	3.34	1.80	3.28	1.85	2.98	0.45	3.86	1.10	3.42	0.64	2.70	1.30	4.85	4.10	4.75	43.60	51.59	T
35	SHILOH	A-3	USDI	475	43	5.37	5.74	7.24	5.18	#6.38	6.02	#8.64	4.39	5.89	4.51	0.83	4.08	2.36	3.96	0.10	3.70	1.00	3.16	0.70	3.27	0.80	4.33	5.16	5.00	#44.47	53.34	0.0
36	SELMER	A-3	USWB	470	30	5.32	5.77	7.45	4.77	7.00	5.99	6.63	4.52	8.25	4.38	1.72	4.28	4.03	3.80	1.48	3.89	0.78	3.39	0.60	3.25	1.47	4.32	4.71	4.87	49.44	53.23	T
465	ACTON, NEAR	A-4	TVA	510	14	5.58	8.31	8.23	6.99	6.35	6.46	7.94	4.50	5.96	3.98	1.12	3.06	5.55	3.72	0.09	2.95	1.22	2.75	0.53	1.93	0.80	5.41	4.80	4.62	48.17	54.68	T
37	CORINTH	A-4	USWB	470	68	5.44	4.98	8.29	4.26	6.47	5.51	7.72	4.79	6.11	4.50	1.86	3.76	3.34	4.77	0.59	4.02	1.14	3.10	0.44	3.28	0.73	3.72	5.02	5.77	47.15	52.46	T
	TENNESSEE RIVER - PICKWICK TO FLORENCE																															
38	PICKWICK LANDING DAM	A-3	TVA	479	19	5.45	6.50	8.24	5.40	6.17	5.41	8.35	4.32	6.37	3.47	0.72	3.52	4.90	3.71	0.89	3.29	1.03	2.86	0.60	2.87	0.92	4.57	4.97	4.59	48.61	50.51	0.0
364	BURNSVILLE SUBSTA.	A-4	TVA	452	16	5.70	6.60	8.38	6.10	8.05	6.26	7.48	4.59	4.53	4.15	0.72	3.05	4.38	3.61	T	3.90	1.49	2.96	0.18	1.94	0.77	5.20	5.45	4.98	47.13	53.34	0.0
401	MIDWAY	A-4	TVA	610	15	6.37	6.57	#9.18	6.78	8.90	6.36	8.31	4.34	5.62	3.88	1.29	3.28	6.76	3.93	0.34	3.60	1.20	2.80	0.25	2.05	1.01	5.19	#5.46	4.94	#54.69	53.72	T
41	BOONEVILLE	A-4	USWB	504	59	4.84	5.13	8.62	4.35	8.35	5.63	8.37	4.90	5.06	4.64	1.39	4.02	8.46	4.15	0.44	3.67	1.45	3.07	0.53	3.10	0.66	3.78	5.40	6.03	53.57	52.47	T
42	BISHOP	A-4	TVA	470	19	6.41	6.86	10.17	6.32	6.98	6.76	9.29	4.89	4.39	4.10	1.83	3.38	6.00	4.22	0.29	3.85	2.51	2.83	0.17	2.23	0.50	4.61	5.55	4.70	54.09	54.75	T
43	BELGREEN (R)	B-4	TVA	800	19	5.72	6.23	8.18	6.34	4.94	6.95	7.86	4.58	5.00	3.78	3.46	3.43	6.67	4.96	0.07	3.83	3.00	2.77	0.13	2.50	0.40	4.15	5.69	4.72	51.12	54.24	---
725	RUSSELLVILLE	B-4	TVA	740	1	6.20		8.27		3.94		6.29		3.33		0.29		3.58		0.32		2.94		0.10		0.50		5.95		41.71		T
568	TISHOMINGO	A-4	USWB	550	13	6.62	7.05	10.35	6.30	6.46	6.51	8.14	3.63	3.56	3.87	3.19	2.84	4.90	4.08	0.59	3.86	2.04	2.92	0.11	2.16	0.45	4.48	5.35	4.95	51.76	52.65	T
630	BELMONT, NEAR	A-4	TVA	585	11	6.85	8.12	10.27	8.04	6.00	7.46	8.35	4.74	4.16	3.81	2.81	2.42	3.57	3.80	0.50	3.18	1.76	4.04	0.15	1.85	0.50	5.09	5.63	5.18	50.55	57.73	0.0
493	RED BAY	A-4	TVA	627	13	6.49	6.68	8.45	6.23	4.99	6.83	7.77	3.94	4.83	3.81	1.42	2.75	3.35	3.78	0.62	4.32	0.59	2.74	0.20	2.02	0.70	5.02	5.57	5.24	44.98	53.36	T
480	BODGES	B-4	USWB	870	16	5.91	6.58	8.49	6.76	3.16	6.58	7.86	4.51	5.10	3.78	1.59	4.10	5.13	4.47	0.82	4.18	2.97	2.72	0.25	1.64	0.32	4.30	4.84	4.90	46.44	54.52	0.0
510	BEXAR (R)	A-4	USWB	529	13	5.50	6.52	8.12	5.44	3.09	6.03	----	----	6.76	3.42	2.97	3.02	----	----	0.85	3.20	2.78	2.87	0.24	1.96	0.33	3.80	----	----	------	-----	---
44	FULTON	A-4	USWB	335	45	6.36	4.62	8.30	5.53	5.82	5.42	8.65	4.62	5.36	4.74	1.63	3.86	5.98	4.57	0.88	3.59	2.31	2.75	0.25	2.83	0.49	3.50	5.57	5.72	51.60	51.75	T
360	HALEYVILLE	B-4	USWB	947	17	6.96	7.12	8.67	6.33	4.09	6.89	6.90	4.35	4.96	3.45	2.98	4.57	2.98	5.64	0.58	4.38	2.30	3.32	0.16	1.95	0.86	4.01	6.77	5.36	48.21	57.37	T
360A	HALEYVILLE (R)	B-4	USWB	947	14	6.40	6.74	8.23	5.89	4.30	6.69	----	----	4.90	2.73	2.80	3.95	----	----	0.61	4.31	2.25	3.06	0.15	1.74	0.84	3.93	----	----	-----	-----	---
45	WATERLOO	A-4	USWB	430	57	6.42	4.73	9.41	4.52	8.56	5.68	7.77	4.89	4.73	4.37	0.52	3.98	5.28	4.22	0.30	3.89	1.73	2.99	0.20	3.38	0.80	3.72	5.96	5.35	51.68	51.72	0.0
621	YOUNGS STORE, NEAR	B-4	TVA	790	9	5.91	7.92	9.60	6.87	9.01	6.94	7.71	4.38	4.63	4.05	1.73	3.13	8.07	4.87	0.31	3.52	2.04	3.29	0.28	1.94	0.67	5.72	5.37	5.64	55.33	58.27	T
462A	COLBERT STEAM PLANT (R)	B-4	TVA	479	2	5.82		9.09		4.71		9.53		6.70		1.68		4.97		0.05		3.98		0.10		0.43		5.67		52.73		---
462	BARTON	B-4	TVA	463	14	5.07	6.79	8.98	6.89	4.82	6.32	9.51	4.43	DISCONTINUED MAY 1, 1953																-----	-----	---
	TENNESSEE RIVER - FLORENCE TO OUNTERSVILLE																															
48	FLORENCE, AT LOCK	B-4	USED	440	18	5.08	4.86	9.11	4.64	4.76	5.71	7.47	4.60	3.09	4.25	0.37	4.47	6.00	4.62	0.13	3.86	3.59	2.85	0.17	3.22	0.47	3.45	5.81	5.14	46.05	51.67	0.0
504	MUSCLE SHOALS	B-4	USWB	534	70	6.17	4.86	9.12	4.64	5.00	5.71	7.25	4.60	3.03	4.25	1.25	4.47	4.67	4.62	0.66	3.86	3.07	2.85	0.18	3.22	0.64	3.45	5.18	5.14	46.22	51.67	T
471	WILSON DAM	B-4	TVA	530	20	5.26	5.98	9.34	6.06	5.06	5.80	7.03	4.10	2.97	3.02	0.87	3.44	5.53	4.00	0.31	3.32	3.08	2.88	0.13	2.19	0.41	4.15	5.79	4.51	45.78	49.45	0.0
49	TVA NURSERY	B-4	TVA	505	19	5.64	6.03	9.73	6.28	4.71	5.82	7.68	4.30	3.21	3.11	1.13	3.30	5.27	4.08	0.40	3.54	3.32	2.74	0.18	2.23	0.53	4.09	5.73	4.40	47.53	49.92	T
369	IRON CITY	B-3	TVA	590	34	5.63	5.68	9.27	5.77	9.28	5.87	8.18	4.64	4.96	4.44	2.99	3.86	3.91	4.62	0.06	4.43	2.70	3.59	0.23	2.29	0.89	3.92	5.43	5.44	53.53	54.55	T
648	COLLINWOOD	B-3	TVA	950	5	6.18		9.47		6.83		7.85		6.15		2.08		3.69		1.76		2.66		0.26		1.30		5.30		53.53		T
681	OVILLA	B-3	TVA	990	6	6.94		7.09		6.78		8.20		6.80		3.23		5.01		2.80		1.71		0.20		1.10		5.26		55.12		0.0
51	LORETTO	B-3	TVA	774	26	6.01	6.39	8.76	5.85	8.65	6.71	7.73	4.83	4.31	4.21	1.09	3.41	4.81	4.77	0.20	4.09	4.01	2.96	0.22	2.93	0.94	4.40	5.53	4.84	52.26	55.39	T
691	LAWRENCEBURG	B-3	TVA	850	5	5.83		9.41		7.29		7.81		4.83		1.60		6.86		2.93		3.67		0.11		0.98		5.61		56.93		T
50	ETHRIDGE	B-3	TVA	975	18	5.56	6.20	7.89	6.15	6.16	5.25	8.54	4.29	4.59	3.61	2.27	3.19	6.21	4.69	2.18	3.61	2.85	2.92	0.16	2.33	0.76	4.31	5.35	4.54	52.52	51.09	0.5
644	NEWBURG	B-4	TVA	660	10	5.57	7.76	8.24	6.80	2.85	6.53	#7.41	4.36	6.21	3.56	1.63	3.90	3.39	5.01	2.49	4.39	2.02	3.57	0.13	1.47	0.64	4.65	5.45	4.63	#46.03	56.63	T
52	WHEELER DAM	B-4	TVA	580	18	6.38	6.42	9.54	6.33	4.93	6.23	7.27	4.11	5.37	3.15	2.36	3.46	4.52	4.53	1.21	3.46	3.97	2.59	0.24	2.10	0.63	4.15	5.95	4.88	52.37	51.41	0.0
682	SHOEMAKER SPRINGS	B-4	TVA	610	6	5.38		9.98		4.64		6.33		4.67		4.20		6.51		1.30		2.86		0.15		0.49		5.75		52.26		T
381	MOULTON (R)	B-4	TVA	630	15	5.12	5.96	8.40	6.28	3.09	6.17	6.02	3.38	4.54	3.10	1.25	3.71	5.05	3.89	0.62	4.05	2.36	2.66	0.11	1.28	0.67	3.62	5.43	4.17	42.66	48.27	---
53	CENTRAL TOWER	B-4	USFS	1500	19	5.53	5.82	#8.62	5.81	4.69	6.69	5.94	4.18	5.62	3.57	0.94	3.45	5.08	4.73	0.33	3.91	2.56	2.95	0.21	1.96	1.15	3.63	6.71	4.73	#47.38	51.43	0.0
481	ADDISON (R)	B-4	USWB	875	16	6.20	6.24	7.91	6.56	3.20	5.90	4.29	3.78	4.19	2.73	1.84	4.15	----	----	1.52	4.17	2.29	3.60	0.31	1.85	0.92	3.76	----	----	-----	-----	---
62	ATHENS, ALABAMA	C-4	TVA	710	19	5.85	6.70	9.24	5.90	3.52	6.53	6.13	4.08	5.72	3.25	1.28	3.45	3.78	4.27	0.80	3.63	4.78	2.98	0.25	2.45	1.01	4.21	6.68	5.16	49.04	52.61	T
63	DECATUR	C-4	USWB	573	75	6.28	4.63	8.04	4.43	2.97	5.62	4.57	4.48	3.44	3.83	1.65	3.79	4.37	4.35	1.29	3.91	3.61	2.37	0.29	3.07	0.95	3.20	6.84	5.04	44.30	48.72	T
63B	DECATUR NO. 4	C-4	TVA	582	7	6.03	8.49	7.81	6.32	2.99	7.05	5.67	3.83	3.44	2.87	1.32	3.72	4.76	4.39	1.12	3.25	4.16	3.54	0.26	1.48	0.99	5.15	6.92	5.15	45.47	55.24	T
411	DECATUR NO. 2 SUBSTA.	C-4	TVA	588	15	6.50	5.96	8.44	5.70	2.80	5.98	5.62	3.68	3.75	2.54	1.61	3.22	3.80	4.21	1.44	3.39	3.43	3.34	0.36	1.64	0.98	3.94	6.63	4.53	45.36	48.13	0.0
503	DANVILLE	B-4	TVA	595	13	4.93	5.98	5.88	5.69	4.42	6.45	6.25	3.73	3.40	2.95	2.05	2.96	1.37	3.46	0.24	3.51	1.73	3.68	0.14	1.78	0.74	4.19	6.10	4.77	37.25	49.15	0.0
384	FALKVILLE	C-4	TVA	620	15	6.16	5.79	7.14	6.50	4.94	6.22	5.33	3.61	4.69	3.02	0.77	3.74	4.71	4.62	0.41	3.98	3.12	3.37	0.17	1.90	1.06	3.92	6.96	4.61	45.46	51.28	0.0
513	GARDEN CITY	C-4	USWB	504	13	6.41	5.62	6.44	5.56	#2.53	6.41	6.23	4.15	4.00	3.22	1.05	3.35	4.43	4.81	2.19	4.20	3.76	3.34	0.60	2.44	1.40	3.96	8.28	5.93	#47.32	52.99	0.0
474	BELLE MINA, NEAR	C-4	API	600	24	5.23	5.31	8.24	5.35	3.31	5.98	6.12	3.73	5.10	3.26	0.71	3.18	5.69	4.79	0.27	3.72	4.00	3.31	0.26	2.42	0.97	3.80	6.82	5.00	#46.72	49.85	0.0
64	MADISON	C-4	USWB	670	60	6.10	4.63	7.90	4.58	2.75	5.73	5.53	4.83	4.45	3.99	0.48	4.26	5.66	4.62	1.00	3.79	4.45	3.01	0.18	3.39	1.35	3.52	6.95	5.36	46.80	51.71	0.0
65	HUNTSVILLE SUBSTA.	C-4	TVA	615	35	5.29	5.59	6.80	5.09	2.87	5.69	5.81	4.87	4.09	3.61	0.45	4.43	5.65	4.58	1.18	4.04	4.65	2.95	0.35	2.64	1.13	3.59	6.86	4.61	45.13	51.69	T
65A	HUNTSVILLE	C-4	USWB	620	13	6.52	4.73	7.35	4.60	3.40	5.76	5.00	4.82	5.57	3.99	0.60	4.31	5.48	4.69	0.47	3.91	3.90	2.96	0.31	3.32	1.14	3.46	7.14	5.41	46.88	51.96	0.0
66	CENTER GROVE	C-4	TVA	780	18	8.16	6.57	9.43	6.54	4.06	6.93	7.19	5.11	6.23	3.61	3.64	4.81	4.95	5.13	0.89	4.91	6.73	3.70	0.38	2.99	1.32	4.45	9.27	5.29	62.25	60.04	T
67	ST. BERNARD	C-4	USWB	802	47	7.15	5.51	7.94	4.92	4.16	5.97	5.55	4.84	5.53	4.49	2.20	4.27	4.67	5.32	1.65	4.66	4.34	2.79	0.46	3.74	1.41	3.72	9.09	5.53	54.15	55.76	T
576	FARLEY	C-4	TVA	641	12	5.32	5.84	5.81	6.34	#3.81	6.63	4.62	4.01	7.10	3.53	0.28	3.31	2.83	3.34	0.66	2.83	4.66	4.17	0.33	2.12	0.88	4.03	#7.93	4.78	#44.23	50.93	T
530	MONTE SANO NO.6	C-4	TVA	1650	13	6.76	6.93	7.62	6.14	3.71	6.89	5.91	4.30	4.74	3.62	0.81	4.60	7.98	5.13	1.26	3.75	4.70	4.49	0.54	2.50	1.09	4.89	7.82	5.66	52.94	58.90	5.4
506	TONEY (R)	C-4	TVA	750	13	5.83	6.46	8.65	5.74	3.86	5.74	5.04	3.47	4.48	2.80	1.58	2.68	4.42	4.47	0.06	2.67	3.98	3.48	0.29	1.86	0.79	4.07	5.96	5.00	44.94	48.44	---
624	NEW MARKET (R)	C-4	TVA	760	11	7.04	7.42	7.15	6.09	4.26	6.62	5.23	4.19	2.90	3.84	0.67	3.69	8.14	4.84	1.27	3.01	3.99	3.87	0.40	1.97	1.00	4.85	6.02	5.09	48.07	55.48	---

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1953 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs.of Record	JANUARY		FEBRUARY		MARCB		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Y E A R		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	TENNESSEE RIVER - FLORENCE TO GUNTERSVILLE (CONT'D)																															
585	ELORA	C-3	TVA	920	12	6.41	6.32	7.40	6.14	4.49	6.01	4.72	4.22	5.45	3.61	0.48	4.16	10.53	3.92	0.44	3.48	5.22	3.82	0.45	2.19	1.31	4.53	6.16	5.59	53.06	53.99	T
69	PAINT ROCK (R)	C-4	TVA	610	18	5.62	6.35	7.37	6.28	4.18	6.45	4.65	4.62	5.73	3.08	1.79	4.13	5.53	4.65	0.24	4.22	9.18	3.87	0.78	2.32	1.26	3.94	8.78	5.06	55.11	54.97	---
385	SWAIM	C-4	TVA	665	15	6.58	6.27	7.83	6.94	#4.80	6.71	#5.06	4.20	4.88	3.83	0.97	4.07	7.66	4.75	0.66	4.00	10.27	3.69	0.57	2.08	1.39	4.44	8.74	5.40	#59.41	56.38	T
78	HYTOP	C-4	TVA	1500	19	5.72	6.75	7.12	6.56	#3.75	6.96	5.04	5.10	4.00	4.10	2.90	4.22	11.22	5.92	0.25	3.69	6.73	3.77	0.67	2.88	1.68	4.82	8.76	5.61	#57.84	60.38	8.0
	ELK RIVER																															
54	BETHEL	B-3	TVA	650	19	5.73	6.73	8.33	6.32	4.80	6.30	5.95	4.24	4.96	3.88	2.50	3.07	3.91	5.42	0.10	3.59	2.83	3.72	0.32	2.67	0.73	4.54	5.23	4.63	45.39	55.11	0.5
382	PULASKI	B-3	TVA	690	15	6.94	6.47	8.21	7.02	6.71	6.05	5.83	3.73	3.79	3.48	0.79	3.26	5.09	4.18	1.95	4.08	1.97	3.62	0.43	2.10	0.89	4.38	4.98	4.67	47.58	53.04	0.0
56	LYNNVILLE, NEAR	B-3	USWB	744	65	5.30	5.48	8.17	5.78	6.88	6.16	7.32	4.67	4.24	4.45	3.27	3.85	4.49	4.69	1.03	4.27	1.80	2.77	0.20	2.95	0.67	4.56	4.60	4.99	47.97	54.62	0.3
57	COLDWATER	C-3	USWB	645	58	5.97	5.38	8.10	5.42	6.12	6.14	5.71	4.53	4.80	4.36	1.10	3.70	5.72	4.20	0.45	4.07	3.44	2.96	0.40	3.11	0.98	4.19	6.26	5.08	49.05	53.14	T
581	BOONSBILL	C-3	TVA	680	12	6.86	7.54	8.61	6.98	7.52	6.45	6.67	3.92	4.80	3.87	2.72	3.56	4.99	4.06	1.77	3.92	2.98	4.14	0.52	2.10	0.62	4.37	5.38	5.42	53.44	56.33	T
58A	FAYETTEVILLE	C-3	TVA	700	2	5.53		7.74		5.03		5.76		4.84		0.88		#4.88		3.03		3.76		0.42		0.97		6.19		#49.03		T
58	FAYETTEVILLE	C-3	USWB	695	38	5.50	5.22	7.52	5.15	5.02	5.88	5.65	3.91	4.39	4.14	0.57	3.52	5.40	4.87	#3.00	4.03	3.38	3.06	0.47	3.04	0.85	4.30	5.85	4.82	#47.60	51.94	T
605	BELLEVILLE	C-3	TVA	755	12	5.79	7.78	8.68	7.25	7.03	6.58	6.52	4.10	4.46	4.33	0.83	4.14	7.81	5.44	0.92	2.99	3.18	4.21	0.63	2.41	0.99	4.62	5.92	5.68	52.76	59.53	T
383	PETERSBURG	C-3	TVA	826	15	6.27	7.31	9.03	7.14	5.54	5.88	6.72	3.94	5.06	3.98	1.66	4.03	5.62	5.30	0.45	3.64	3.09	3.48	0.46	2.04	0.59	4.26	4.45	4.90	48.94	55.90	T
582	LYNCHBURG	C-3	TVA	780	12	5.45	7.32	7.52	6.48	6.03	6.55	5.87	3.72	5.53	4.03	1.16	3.86	6.47	4.46	0.43	3.52	3.76	4.71	0.55	2.08	1.12	4.58	5.72	5.60	49.61	56.91	T
60	BELVIDERE (R)	C-3	TVA	970	18	6.67	5.90	6.63	5.08	4.76	5.30	5.29	3.86	3.43	3.27	2.69	3.84	5.79	5.03	0.10	3.82	5.80	3.48	0.50	2.24	1.22	3.76	5.42	4.32	48.30	49.90	---
61	TULLAHOMA	C-3	USWB	1065	67	6.31	5.46	7.70	5.56	6.52	6.05	5.54	4.65	3.95	4.03	0.83	3.96	10.08	4.88	0.51	3.80	5.49	2.99	0.57	2.96	1.40	4.38	5.89	5.45	54.79	54.17	2.0
450	WINCHESTER SUBSTA.	C-3	TVA	960	14	6.69	6.40	7.11	5.61	4.14	5.51	5.30	3.85	3.31	3.79	1.31	4.28	6.61	5.45	2.37	3.86	6.47	3.86	0.38	2.38	1.22	3.98	5.69	4.77	50.60	53.74	1.2
701	HILLSBORO	D-3	TVA	1051	4	6.33		7.01		4.61		5.94		3.60		1.64		5.46		1.63		5.64		0.38		1.69		5.58		49.51		3.5
472	MONTEAGLE	D-3	USWB	1920	14	7.69	5.53	7.97	5.34	5.54	6.44	3.99	5.23	5.43	4.46	1.74	4.28	8.16	5.63	0.50	4.41	6.33	3.24	1.24	3.23	1.44	4.57	7.56	5.73	57.59	58.09	11.0
	TENNESSEE RIVER - GUNTERSVILLE TO CBICKAMAUGA																															
70	GUNTERSVILLE DAM	C-4	TVA	611	18	6.73	5.71	6.40	5.65	3.35	6.19	6.95	4.45	2.84	3.00	2.80	3.88	3.01	4.24	0.17	3.85	4.89	3.14	0.36	2.39	1.30	3.49	7.28	4.74	46.08	50.73	---
403	GUNTERSVILLE (R)	C-4	TVA	610	15	7.19	5.92	7.38	5.60	3.80	6.54	5.98	3.92	3.12	2.91	4.36	3.81	2.55	3.93	0.27	4.06	4.72	3.35	0.35	2.45	1.26	3.47	7.55	5.10	48.53	51.06	---
72	ALBERTVILLE	C-4	USWB	1050	28	6.29	5.15	6.45	4.88	4.34	6.29	4.73	4.66	2.78	4.21	4.98	4.24	3.58	5.01	0.04	4.41	2.57	3.17	0.31	3.27	1.32	3.72	7.17	5.36	44.56	54.37	---
482	BOAZ (R)	C-4	USWB	1010	13	7.50	5.74	6.49	5.47	3.76	6.61	4.52	4.10	5.78	3.66	6.90	4.09	----	----	1.27	4.24	----	----	0.46	2.42	1.49	3.85	7.50	5.61	-----	-----	---
482A	BOAZ	C-4	USWB	1010	16	6.99	5.42	6.76	5.62	3.68	6.72	4.31	4.36	5.63	3.69	6.80	4.25	4.05	4.44	1.22	4.45	2.76	3.50	0.41	1.99	1.55	4.03	7.48	5.32	51.64	53.79	---
524	SAND MT. STATE FARM	D-4	API	1195	13	6.34	6.02	7.42	6.02	4.34	7.13	5.00	4.47	4.68	3.45	3.98	3.86	2.00	3.92	1.88	4.44	4.94	3.85	0.66	2.57	2.05	4.28	7.70	6.24	50.99	56.25	---
483	COLLINSVILLE	D-4	USWB	825	16	7.87	6.18	6.98	6.36	4.25	6.92	3.97	4.49	4.45	3.74	3.57	3.95	3.27	4.76	2.16	4.43	4.08	3.76	0.90	2.18	1.65	4.22	7.09	5.15	50.24	56.14	2.0
515	LEESBURG	D-4	USWB	636	61	7.46	5.16	8.13	5.33	4.43	6.17	7.27	4.65	5.48	3.81	3.28	4.02	4.45	5.35	1.87	4.06	4.22	2.97	0.65	3.23	1.85	3.41	8.98	5.78	58.07	53.94	4.1
75	SOUTH BILL	C-4	TVA	980	18	6.12	6.62	6.81	5.91	4.52	6.52	4.25	4.80	5.13	3.82	2.78	3.74	4.01	4.56	0.67	4.36	4.93	3.52	0.69	2.66	2.28	3.84	8.36	5.52	50.55	55.87	2.2
79	FORT PAYNE (R)	D-4	USWB	920	13	#5.68	5.09	7.51	5.57	4.96	6.74	----	----	4.65	3.53	3.23	3.37	----	----	0.18	3.21	3.34	3.84	0.88	2.66	1.26	2.66	----	----	-----	-----	---
79A	FORT PAYNE	D-4	USWB	920	18	#6.21	6.28	8.18	5.94	5.22	6.60	4.55	4.69	5.19	3.41	3.90	3.99	5.28	4.45	0.30	3.79	3.62	3.20	0.91	2.39	1.50	3.64	6.16	4.89	#51.02	53.27	2.0
80	VALLEY HEAD	D-4	USWB	981	68	----	4.85	----	4.84	----	5.65	----	5.08	4.24	4.26	----	4.29	4.41	5.01	T	4.56	3.45	2.55	1.31	3.45	----	3.16	----	5.17	-----	52.87	---
386	SYLVANIA	D-4	TVA	1400	15	5.39	6.08	6.96	6.57	4.59	6.47	3.60	4.15	6.80	3.49	4.40	4.47	7.51	4.20	0.00	3.49	4.19	3.73	0.54	2.08	1.82	2.98	7.34	5.40	53.14	53.11	4.5
76	SCOTTSBORO	C-4	USWB	637	72	5.75	4.82	7.16	4.84	4.03	5.81	5.35	4.81	3.18	3.98	2.39	4.42	11.18	4.97	0.10	4.14	4.68	2.84	0.29	3.27	1.54	3.28	7.39	5.47	53.04	52.65	0.0
76A	SCOTTSBORO SUBSTA.	C-4	TVA	660	7	5.71	7.06	6.92	6.40	3.98	7.84	5.20	4.29	3.41	4.20	2.45	4.09	10.37	5.42	1.22	4.48	4.69	4.08	0.28	3.04	1.49	5.15	7.70	5.68	53.42	61.73	T
695	PLEASANT GROVE SCBOOL	D-4	TVA	633	5	4.52		7.65		4.90		4.55		3.32		1.75		9.92		2.90		6.07		0.45		1.35		7.33		54.71		T
387	FLAT ROCK (R)	D-4	TVA	1380	15	5.33	5.50	6.50	5.95	3.83	6.14	4.18	3.62	5.04	3.56	2.42	3.42	7.42	4.06	2.98	3.45	3.22	2.92	0.48	2.01	1.59	3.82	6.37	4.78	49.36	49.23	---
704A	WIDOWS CREEK STEAM PLANT (R)	D-4	TVA	612	4	4.83		6.39		3.98		4.97		4.33		1.73		6.36		1.13		3.41		0.45		0.85		6.95		45.38		---
83	BRIDGEPORT	D-4	USWB	690	57	5.95	4.81	6.74	4.84	4.43	5.96	4.72	4.68	3.42	4.18	2.15	4.17	7.46	4.89	0.91	4.06	3.56	2.65	0.45	3.25	0.82	3.32	6.94	5.37	47.55	52.18	0.0
84	SEWANEE	D-3	TVA	1925	60	8.14	5.43	8.37	5.27	5.76	6.20	5.81	4.94	5.09	4.40	2.31	4.64	7.25	5.63	2.61	4.38	7.90	3.15	0.89	3.21	1.95	4.61	6.79	5.33	62.87	57.19	9.5
451	JASPER SUBSTA.	D-3	TVA	650	14	5.37	6.19	7.49	5.85	5.17	6.93	4.57	4.11	4.31	3.46	2.52	3.83	6.90	5.18	1.95	3.34	3.67	3.32	0.45	2.60	0.93	4.49	7.68	5.74	51.01	55.04	T
85	LOCKHART TOWER	D-3	TVA	2400	18	5.88	7.01	8.37	6.40	4.47	6.82	4.62	4.77	4.55	4.14	2.73	4.55	5.78	6.30	4.05	4.96	4.17	3.00	0.51	2.98	1.57	4.65	7.38	5.64	54.08	61.22	9.5
86	DUNLAP	D-3	TVA	730	30	5.44	6.00	7.99	5.10	4.63	5.57	5.21	4.50	3.67	3.36	#1.57	4.17	7.82	5.48	2.00	4.04	2.98	3.29	0.35	2.73	1.31	3.59	6.65	5.15	#49.62	52.98	T
438	CAGLE (R)	D-3	TVA	2120	14	6.15	5.96	8.15	5.47	4.74	5.92	4.57	3.95	3.77	3.18	2.33	3.50	6.90	4.53	1.90	4.22	3.36	3.22	0.42	2.57	1.49	3.66	6.02	5.10	49.80	51.28	---
389	COLLEGE JUNCTION	D-3	TVA	870	15	5.12	5.56	7.20	5.63	4.05	5.59	4.51	3.76	3.80	3.62	2.99	4.20	8.80	4.62	1.16	3.68	3.08	3.18	0.28	2.28	1.44	3.75	5.56	4.84	47.99	50.71	T
390	LITTON	D-3	TVA	980	15	6.22	5.95	7.06	6.13	5.83	5.72	5.41	4.00	3.02	3.59	3.06	4.26	6.04	5.66	2.28	4.21	2.33	3.18	0.50	2.14	1.23	4.04	5.46	5.22	48.44	54.10	2.0
452	HALES BAR DAM	D-3	TVA	650	14	5.29	5.21	6.78	5.35	3.71	5.69	4.57	3.75	4.15	3.10	2.55	3.79	7.09	4.58	1.49	2.99	3.00	3.05	0.62	2.25	0.93	3.74	7.52	4.90	47.70	48.40	T
692	SIGNAL MOUNTAIN	D-3	TVA	1720	5	5.94		7.55		4.65		4.25		5.01		3.71		8.36		2.72		3.05		0.91		1.16		7.39		54.70		5.8
669	RISING FAWN	D-4	TVA	820	7	5.41	6.71	6.83	5.20	3.63	6.34	4.47	3.60	5.37	3.52	2.39	4.05	9.73	6.11	1.31	3.11	2.29	3.83	1.13	2.85	1.45	4.82	6.86	4.98	50.87	55.12	2.5
391	LOOKOUT MOUNTAIN	D-4	TVA	1970	23	5.82	5.85	7.46	5.73	4.01	6.06	4.35	3.98	6.95	3.94	2.98	4.33	9.86	5.51	0.83	4.23	2.92	3.59	0.40	3.07	1.31	4.05	6.57	5.23	53.46	55.57	9.2
628	FLINTSTONE	D-4	PRIVATE	710	11	5.52	6.24	7.28	5.59	3.85	6.80	3.62	4.44	3.87	3.51	4.47	3.89	7.82	5.33	1.31	3.02	2.73	4.11	0.45	3.32	1.42	4.53	6.74	4.83	49.08	55.61	3.0
488	CHATTANOOGA AIRPORT (R)	D-3	USWB	671	75	4.89	5.23	7.24	5.11	3.96	6.05	4.75	4.53	4.38	4.16	1.99	4.21	7.49	5.34	2.76	3.70	2.85	2.69	0.40	3.24	0.93	4.03	5.96	5.31	47.60	53.60	2.1
566	CBICKAMAUGA PARK	D-4	USDI	789	13	5.27	6.00	7.02	5.85	4.07	6.36	3.59	3.83	4.24	3.22	2.48	4.00	5.86	6.17	0.95	3.91	2.87	3.92	0.57	2.94	1.04	3.96	6.28	5.44	44.24	55.60	3.7
722	KENSINGTON	D-4	TVA	820	1	5.99		6.20		4.35		3.88		5.61		2.36		6.28		1.29		3.22		1.08		1.46		6.94		48.66		2.5
82	LAFAYETTE	D-4	USWB	810	19	#6.10	5.32	#7.10	5.63	#3.83	5.22	#4.13	5.34	3.90	3.53	4.50	4.86	3.86	5.26	1.05	4.56	5.25	3.36	1.45	2.69	1.25	3.63	6.10	4.86	#48.52	54.26	2.5
721	RINGGOLD	D-4	TVA	820	1	5.39		7.84		3.71		4.58		3.48		3.98		6.54		1.32		2.71		0.33		0.89		6.29		47.06		3.5
392	TUNNEL BILL	D-4	TVA	880	15	5.95	5.42	7.93	6.11	3.51	6.02	4.07	3.53	4.77	3.53	2.78	4.19	7.10	4.40	2.24	4.26	3.86	3.70	1.08	2.58	1.82	3.73	5.63	4.90	50.74	52.37	4.0
396	DALTON	E-4	USWB	800	16	8.13	6.51	6.53	6.05	#3.55	5.65	4.21	4.93	6.60	4.03	2.16	4.15	6.95	5.11	0.74	5.12	3.68	3.11	0.50	3.06	1.80	4.06	6.25	4.84	#51.10	56.62	5.5

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1953 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	CANEY FORK ABOVE ROCK ISLAND																															
88	ROCK ISLAND POWERHOUSE	0-3	TVA	900	49	6.38	5.08	6.79	5.23	5.66	5.83	5.84	4.04	5.84	3.93	3.12	3.92	5.49	4.96	1.56	4.31	4.08	3.24	0.35	2.92	1.34	3.94	5.28	4.85	51.73	52.25	2.7
665	SMITHVILLE	0-3	USWB	1030	10	8.01	5.28	6.04	4.92	5.26	5.64	5.49	4.30	4.98	3.94	2.13	4.23	4.83	4.60	1.81	4.46	3.00	2.98	0.48	2.76	1.13	4.19	3.02	4.74	46.18	52.04	6.9
439	DIBRELL	0-3	TVA	950	14	6.68	5.93	6.29	5.64	5.41	5.49	5.17	3.66	4.45	3.75	5.49	4.30	6.23	4.88	2.49	3.99	3.06	3.49	0.45	2.08	1.11	4.11	4.94	4.64	51.77	51.56	2.0
440	IRVING COLLEGE	0-3	TVA	1050	14	4.95	4.96	5.88	5.08	3.35	4.92	5.20	3.33	3.37	3.06	2.73	3.74	4.51	4.16	1.71	3.52	3.46	3.04	0.34	1.91	1.83	3.44	4.34	4.11	41.67	45.27	6.0
441	ALTAMONT	0-3	TVA	1920	14	5.86	6.53	6.85	6.20	5.92	6.22	#5.55	4.33	3.54	3.58	3.45	4.22	4.80	4.38	1.55	3.90	3.87	3.52	0.70	2.22	2.38	4.24	6.65	5.46	#51.12	54.80	10.5
87	MCMINNVILLE	0-3	USWB	1015	71	5.32	5.08	6.70	5.30	4.44	5.71	5.77	3.94	5.31	4.00	2.68	4.27	4.75	4.82	1.77	4.18	3.74	3.12	0.23	2.91	1.28	3.67	4.95	4.78	46.94	51.78	0.3
87B	MCMINNVILLE	0-3	TVA	1000	12	5.44	6.55	6.66	6.26	4.03	5.24	5.71	3.55	4.80	4.00	3.03	4.16	4.17	5.01	2.36	3.97	3.57	3.78	0.26	1.98	1.21	4.08	4.81	5.13	46.05	53.71	1.5
442	TROUSDALE	0-3	TVA	980	14	5.96	5.85	7.00	5.96	4.94	5.27	5.26	3.51	4.30	3.42	2.70	3.63	4.95	3.98	1.43	4.08	3.13	3.35	0.36	2.07	1.00	3.90	4.55	4.71	45.58	49.73	2.0
443	SUMMITVILLE (R)	D-3	TVA	1120	14	5.98	6.21	7.62	6.20	4.40	5.68	5.36	3.68	3.64	3.62	3.19	3.67	6.48	4.26	1.32	3.73	3.85	3.29	0.31	2.20	1.32	3.93	5.00	4.83	48.47	51.30	---
437	ROCKY RIVER	0-3	TVA	900	14	5.64	5.50	5.64	5.58	3.58	5.32	5.84	3.72	3.96	3.50	2.93	4.86	6.55	5.02	4.05	4.48	3.36	3.37	0.60	2.22	1.53	3.73	6.01	4.51	49.69	51.81	3.7
432	SPARTA SUBSTA.	0-3	TVA	920	37	5.99	5.29	7.30	4.49	5.46	5.63	5.28	4.25	4.28	3.99	2.75	4.89	6.01	5.35	0.20	4.49	3.41	3.37	0.49	2.71	1.63	3.53	5.34	4.74	48.14	52.73	5.0
432A	SPARTA, NEAR	0-3	USWB	900	14	#5.50	6.79	6.75	5.93	5.83	5.15	4.32	3.89	4.46	3.94	3.31	4.06	6.59	4.80	T	3.82	3.58	3.74	0.70	2.22	1.42	4.40	4.54	4.79	#47.00	53.53	4.8
433	TAYLORS	0-2	TVA	950	14	6.02	6.00	5.43	5.46	5.67	5.51	5.57	3.80	4.70	3.90	3.25	4.34	5.19	4.83	0.15	3.68	2.77	3.58	0.57	2.12	1.68	4.03	4.47	5.09	45.47	52.34	3.7
165	MONTEREY	0-2	USWB	1900	22	8.50	6.68	7.86	5.88	7.23	5.89	6.50	4.25	4.33	4.52	2.77	4.93	6.46	5.51	0.48	5.79	2.73	3.56	0.68	2.73	1.90	4.48	4.94	4.94	54.38	59.16	11.7
165A	MONTEREY (R)	D-2	USWB	1900	6	6.96	6.68	#6.82	5.88	6.47	5.89	5.52	4.25	3.74	4.52	3.48	4.93	5.62	5.51	----	5.79	2.41	3.56	0.58	2.73	1.54	4.48	4.31	4.94	-----	59.16	---
434	EASTLAND	0-3	TVA	1750	36	5.16	5.91	5.99	5.14	5.10	6.38	5.26	5.02	4.30	4.11	4.00	5.25	6.73	5.66	1.40	4.59	2.86	3.69	0.60	3.15	1.76	3.52	5.36	5.41	48.52	57.83	10.4
435	HERBERT	0-3	TVA	1685	14	4.90	5.37	5.58	5.45	4.53	5.17	5.35	3.87	3.58	3.10	2.79	3.76	6.93	4.59	2.74	3.87	2.71	2.92	0.43	2.10	1.55	3.34	4.81	4.67	45.90	48.21	10.3
436	FALLS CREEK PARK	0-3	TVA	1500	14	6.18	5.44	5.69	5.67	4.89	5.20	5.73	3.82	2.90	3.39	2.40	3.95	5.44	5.67	1.47	4.22	1.97	3.25	0.60	2.35	1.85	3.71	4.80	4.97	43.92	51.64	11.3
	TENNESSEE RIVER - CHICKAMAUGA TO WATTS BAR																															
90	CHICKAMAUGA DAM	0-3	TVA	700	18	5.14	6.40	7.22	5.64	4.57	5.99	4.62	4.41	4.66	3.64	5.01	4.25	5.79	5.31	1.78	3.55	3.16	3.23	0.47	2.85	0.99	3.97	6.64	5.50	50.05	54.74	---
430	OOLTEWAH	0-3	TVA	765	14	5.24	5.78	7.64	5.37	4.11	6.06	4.57	3.54	4.98	3.28	2.75	3.76	5.88	5.15	2.71	4.50	2.46	3.39	0.62	2.92	0.65	3.59	4.28	5.13	45.89	52.47	2.0
393	LEWIS CHAPEL	0-3	TVA	1850	15	7.29	6.63	8.11	6.32	4.92	6.91	4.68	4.30	3.97	3.72	1.71	4.42	8.75	4.90	2.64	4.03	2.61	3.31	0.48	2.52	1.67	4.34	6.91	5.72	53.74	57.12	8.3
685	FRIENDSHIP SCHOOL	0-3	TVA	760	6	6.21		7.43		4.54		3.95		4.99		3.95		8.68		3.80		2.87		0.43		0.95		6.66		54.46		2.0
420	MORGANTOWN	0-3	TVA	740	14	5.89	5.84	8.67	5.55	3.60	6.27	4.30	4.27	4.10	3.53	3.65	4.63	7.12	5.75	1.90	4.22	2.09	3.41	0.58	2.68	1.24	4.07	6.85	5.49	49.99	55.71	2.0
92	MORGAN SPRINGS	0-3	TVA	1900	19	6.37	6.99	7.49	5.97	3.79	6.13	4.74	4.75	2.79	3.99	4.25	4.86	7.45	5.78	2.08	5.05	2.29	3.17	0.65	3.44	1.48	4.59	6.83	5.46	50.21	60.18	12.0
155	DECATUR	E-3	USWB	865	58	5.00	5.47	6.95	5.00	4.13	5.72	#4.62	4.53	5.01	4.24	2.26	3.92	3.43	5.02	1.18	4.67	2.29	2.96	0.99	3.12	1.47	4.30	5.59	5.24	#42.92	54.19	2.0
726	MURRAY STORE (R)	E-3	TVA	950	1	4.36		7.03		3.99		4.30		5.16		2.25		3.28		2.18		2.34		0.49		1.57		4.83		41.78		---
427	RIDDLES STORE	E-3	TVA	980	14	5.14	5.68	8.59	5.50	4.59	5.67	4.13	3.74	6.05	3.67	2.67	3.68	4.21	5.79	3.05	4.32	2.63	3.40	0.43	2.94	1.50	3.87	5.48	4.85	48.47	53.11	3.7
494	PORTER LAKE	E-3	TVA	740	13	5.82	6.02	8.43	5.34	4.22	5.98	4.98	4.19	4.02	3.64	3.97	3.72	5.63	5.02	2.74	3.23	2.47	3.56	0.74	2.97	1.13	4.27	6.34	5.28	50.49	53.22	2.7
	TENNESSEE RIVER - WATTS BAR TO KNOXVILLE																															
421	WATTS BAR DAM	E-3	TVA	830	14	5.52	5.76	8.05	5.52	4.08	5.87	5.34	4.23	4.26	3.75	2.04	3.95	5.45	5.18	1.84	3.21	1.67	3.36	0.69	2.75	1.26	4.01	5.96	5.04	46.16	52.63	2.0
157	RODDY (R)	E-3	TVA	765	18	5.88	6.09	8.24	5.53	4.02	5.47	5.07	4.24	3.65	3.57	4.96	3.40	4.59	5.51	2.44	3.28	2.04	2.95	0.35	2.62	1.34	3.90	6.35	5.21	48.93	51.77	---
479	ROCKWOOD	E-3	PRIVATE	910	35	6.13	5.47	7.76	5.59	4.89	5.49	4.97	4.26	4.00	4.15	4.37	4.06	8.97	5.28	2.14	3.72	2.51	3.59	0.43	2.33	1.49	4.32	6.27	5.36	53.93	53.62	T
170	LOUDON	E-3	USWB	800	59	4.21	5.27	6.49	5.27	4.04	5.47	3.75	4.25	3.71	4.02	2.75	3.80	3.76	5.08	#0.78	3.87	3.69	2.83	0.43	2.69	1.96	3.83	4.55	4.96	#40.12	51.34	3.0
490	FORT LOUDOUN DAM (R)	E-3	TVA	880	13	4.62	5.44	6.74	5.37	3.84	5.04	4.05	3.37	2.85	3.43	2.14	2.73	4.62	6.13	1.20	2.90	3.25	3.42	0.51	2.57	2.04	3.73	4.42	4.66	40.28	48.79	---
490A	FORT LOUDOUN DAM	E-3	TVA	880	13	4.94	5.48	6.49	5.40	3.95	5.06	3.96	3.39	3.22	3.48	2.43	2.79	4.75	6.20	1.15	2.91	3.27	3.48	0.56	2.55	2.17	3.78	4.42	4.65	41.31	49.17	2.0
637	U. S. COTTON FIELD STA.	F-3	USDA	885	19	4.76	5.64	6.73	5.04	4.27	5.10	4.19	3.84	4.78	3.56	4.44	3.60	4.13	5.38	0.89	3.50	3.33	2.76	0.62	2.32	1.72	3.55	3.69	4.09	43.55	48.38	8.0
735	LAKEMONT NO. 2	F-3	TVA	817	-									ESTABLISHED OCTOBER 7, 1953										----		1.65		3.84		-----		---
409	KNOXVILLE AIRPORT (R)	F-3	USWB	984	15	4.12	4.54	6.22	4.73	4.22	4.83	4.23	3.64	4.50	3.58	3.02	3.47	3.74	4.72	0.88	3.43	2.93	2.53	0.68	2.63	1.65	3.15	3.36	4.26	39.55	45.51	10.1
394	PROVIDENCE	F-3	TVA	1100	15	4.67	4.77	6.52	4.92	4.34	4.97	4.02	3.30	5.09	3.48	4.20	3.66	4.11	4.79	0.76	3.71	2.63	2.76	0.73	2.09	1.58	3.48	2.68	4.00	41.33	45.93	5.7
716	WILDWOOD, NEAR	F-3	TVA	885	3	4.55		6.84		4.66		3.99		4.96		5.75		3.47		1.29		3.01		0.67		1.68		3.40		44.27		5.8
715	TOWNSEND	F-3	TVA	1047	3	4.95		6.06		3.96		4.63		7.44		3.99		5.88		0.90		2.55		0.74		1.70		2.85		45.65		11.5
473	UNIV. TENNESSEE FARM (R)	F-3	U.T.	800	16	4.39	4.93	6.72	5.54	4.63	4.97	3.96	3.81	4.07	3.84	3.56	4.03	4.48	5.95	1.15	3.59	3.13	3.00	0.56	1.98	1.40	3.73	4.05	4.24	42.10	49.61	---
473A	UNIV. TENN. FARM LYSIMETER PLOT	F-3	U.T.	850	34	4.45	4.73	6.72	5.01	4.58	5.05	4.06	4.14	4.20	4.12	3.43	4.17	4.54	5.56	0.94	4.09	2.94	2.74	0.50	2.68	1.40	3.48	4.05	4.67	41.81	50.44	---
651	UNIV. TENN. GEOLOGY BLDG.	F-3	U.T.	974	83	4.17	4.54	6.15	4.73	4.38	4.83	3.96	3.64	4.05	3.58	3.50	3.47	3.81	4.72	1.10	3.43	2.98	2.53	0.48	2.63	1.25	3.15	3.59	4.26	39.42	45.51	1.0
658	KNOXVILLE GARAGE	F-3	TVA	890	8	4.02	6.63	6.38	5.40	4.84	4.94	3.86	3.10	4.86	4.44	4.61	3.92	3.77	5.17	1.00	3.22	2.95	2.76	0.47	2.09	DISCONT'D OCTOBER 31, 1953				-----	-----	---
653	WHITTLE SPRINGS	F-2	TVA	1000	9	4.26	6.25	6.08	5.85	4.49	5.29	3.10	3.20	4.95	4.85	4.90	4.06	4.26	4.66	1.42	3.74	----	----	0.45	2.52	DISCONT'D OCTOBER 31, 1953				------	-----	---
655	RITTA	F-2	TVA	1030	9	5.31	6.68	6.50	5.59	4.77	5.12	3.68	3.12	5.54	4.16	3.56	3.85	3.79	4.14	0.66	3.57	2.52	2.62	0.49	2.34	1.69	4.60	4.55	4.50	43.06	50.29	7.0
657	FOUNTAIN CITY	F-2	TVA	970	8	4.55	6.55	6.28	5.62	4.60	5.25	#3.30	2.98	5.03	4.51	5.07	3.81	5.09	5.14	0.79	3.49	2.58	2.56	0.53	2.25	DISCONT'D OCTOBER 31, 1953				-----	-----	---
	CLINCH RIVER BELOW NORRIS DAM																															
158	KINGSTON	E-3	USWB	760	62	5.39	5.03	7.21	5.05	3.98	5.19	4.42	4.14	3.92	4.07	4.39	3.95	4.83	4.54	2.16	4.27	2.80	3.01	0.50	2.65	1.28	4.03	5.50	4.86	46.38	50.79	T
712	KINGSTON STEAM PLANT (R)	E-3	TVA	760	3	5.24		6.62		3.71		4.27		3.93		4.91		5.09		0.84		2.70		0.40		0.98		5.05		43.74		---
484	HARRIMAN (R)	E-3	TVA	765	32	6.23	4.88	7.46	5.18	5.15	5.85	4.84	4.42	4.22	3.91	4.17	4.21	6.78	5.71	1.24	3.37	3.32	3.13	0.45	2.52	1.32	3.80	6.23	4.89	51.41	51.87	---
705	MORGAN	E-3	TENN	1310	4	5.50		DISCONTINUED JANUARY 31, 1953																						-----		---
606	MORGAN STATE FOREST	E-2	TENN	1340	9	RE-EST. 2-1-53		6.84	7.26	5.00	5.57	5.27	4.53	5.20	5.73	6.06	5.51	8.30	5.81	3.68	4.03	2.75	4.50	0.42	2.87	1.67	5.25	DISC. 11-30-53		-----	-----	---
167	PETROS	E-2	TVA	1400	19	6.65	6.86	7.63	6.18	5.73	6.00	4.86	4.45	4.92	4.72	5.30	4.47	7.55	5.66	4.34	4.93	2.56	3.35	0.85	2.89	1.83	4.61	5.95	5.66	58.17	59.78	4.0
736	WARTBURG, NEAR	E-2	TENN.	1315	-																	ESTABLISHED DECEMBER 1, 1953						5.06		-----		---
160	PILOT MOUNTAIN	E-2	TVA	1400	18	6.27	5.79	4.66	5.04	4.10	4.84	4.64	3.58	3.66	4.23	7.04	3.95	5.95	4.63	1.07	4.47	1.94	2.98	0.63	2.32	1.97	3.49	4.33	4.27	46.26	49.59	4.4
485	SUNBRIGHT (R)	E-2	USWB	1480	14	#5.40	6.13	4.82	4.77	4.43	4.84	----	----	3.14	3.67	7.50	4.60	7.68	4.55	----	----	1.77	2.99	0.41	2.33	0.98	3.79	5.08	4.73	-----	-----	---
164	CLARKRANGE	0-2	TVA	1800	18	5.90	6.01	5.54	4.86	4.96	4.90	4.88	3.72	7.26	3.85	3.25	3.79	4.92	4.62	1.50	3.85	1.88	2.93	0.45	2.14	1.68	3.85	4.58	4.43	46.80	48.95	10.7
159	HEBBERTSBURG	E-2	TVA	1770	19	5.95	5.78	6.68	5.62	4.50	5.21	5.13	4.14	3.56	3.81	4.39	3.84	5.93	5.65	1.92	4.21	2.36	3.18	0.53	2.61	1.83	4.01	5.46	4.92	48.24	52.98	10.2
163	CROSSVILLE, NEAR	0-2	USWB	1920	42	5.54	5.14	6.08	5.34	4.77	5.42	5.98	4.39	4.54	4.13	4.08	4.20	6.29	5.19	1.82	5.11	2.14	3.07	0.76	2.87	1.71	3.94	5.87	5.06	49.58	53.86	5.7
507	LANTANA (R)	0-3	TVA	1910	13	5.01	6.26	5.33	5.32	3.90	5.22	5.19	3.72	3.41	3.32	3.07	3.49	6.31	4.32	2.18	3.44	2.37	3.16	0.44	2.05	1.35	3.65	5.30	5.42	43.86	49.37	---
699	BIG LICK	0-3	TVA	1840	4	6.61		7.32		5.60		6.00		3.21		4.28		6.33		1.46		2.69		0.92		1.59		5.99		52.00		11.3
418	FRANKFORT	E-2	TVA	1460	14	4.62	6.88	4.34	5.29	4.11	5.32	4.62	2.98	3.09	3.44	3.53	3.26	5.52	4.71	0.85	3.31	1.88	2.63	0.38	1.98	1.04	4.07	5.07	4.78	39.05	48.65	7.0
417	CROSSVILLE	0-3	TVA	1850	15	4.95	5.53	4.93	5.42	4.30	5.56	5.57	3.72	3.29	3.68	4.43	3.81	6.11	4.12	1.61	3.90	2.42	3.10	0.50	2.36	1.15	3.67	5.38	4.92	44.64	49.79	8.4
166	CONCORD, NEAR	E-3	TVA	1000	19	4.39	5.15	6.72	4.84	3.64	4.84	3.51	4.13	3.43	3.41	2.21	2.94	2.04	5.05	0.20	2.77	2.87	2.51	0.60	2.09	1.98	3.58	4.71	4.14	36.30	45.45	8.2
508	PAULETTE	F-2	TVA	1050	13	5.06	5.52	5.15	5.11	4.39	5.18	3.10	3.10	4.07	3.60	4.54	3.51	6.74	4.87	0.79	3.88	2.87	3.45	0.73	2.41	1.74	4.06	3.78	4.34	42.98	49.03	4.4

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1953 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	CLINCH RIVER BELOW NORRIS DAM (CONT'D)																															
710	WHEAT (R)	E-3	C&CCCo	750	5	5.91		8.35		4.92		4.41		4.93		4.25		5.25		0.62		3.39		0.64		1.89		7.02		51.58		---
676	OAK RIDGE, NEAR (R)	E-3	C&CCCo	900	7	5.18	6.33	7.81	5.54	4.54	5.99	4.05	3.12	3.67	3.23	3.22	3.05	4.08	5.02	0.50	3.77	2.97	3.04	0.60	2.45	1.50	4.64	6.12	5.15	44.24	51.33	---
711	OAK RIDGE WB (R)	E-2	USWB	905	7	4.45	6.98	7.18	5.72	4.94	6.04	3.35	2.98	5.83	4.04	2.91	3.05	4.25	5.93	0.54	3.44	4.03	2.47	0.58	2.22	1.62	4.86	6.66	5.22	46.34	52.95	5.2
169	CLINTON TVA NURSERY	E-2	TVA	850	65	#5.56	5.31	7.18	5.20	4.99	5.34	3.51	4.15	5.19	4.30	2.88	4.58	4.78	5.19	0.73	3.96	2.93	3.44	0.61	2.71	1.93	4.04	4.94	5.11	#45.23	53.33	T
371	VASPER	E-2	TVA	1020	16	5.20	5.39	5.53	5.35	4.70	5.26	4.49	3.79	4.09	3.80	3.47	3.65	5.78	4.78	0.85	3.74	2.04	3.09	0.40	1.90	1.45	4.18	4.18	4.86	42.18	49.79	1.0
321	NORRIS (R)	E-2	TVA	970	10													RE-ESTABLISHED OCTOBER 1, 1953						0.57	2.14	1.85	2.88	4.38	3.97	-----	-----	---
322	NORRIS EVAPORATION STA. (R)	E-2	TVA	1020	17	5.98	5.77	6.10	5.13	4.80	5.24	4.16	3.55	4.83	4.15	5.23	3.78	5.05	4.42	0.41	3.22	2.31	2.62	DISCONTINUED OCTOBER 1, 1953						-----	-----	---
323	NORRIS DAM	E-2	TVA	875	20	5.60	5.50	5.77	5.06	4.61	5.44	4.27	3.48	5.09	4.26	4.40	3.61	5.07	4.42	1.33	3.98	2.53	2.87	0.63	2.22	1.70	3.88	4.54	4.35	45.54	49.07	1.0
	CLINCH RIVER ABOVE NORRIS DAM																															
584	TURLEY	E-2	TVA	1410	12	5.82	5.96	5.61	5.40	4.22	5.28	#3.68	3.29	3.79	5.17	7.87	5.04	5.46	4.85	3.48	4.77	3.64	3.40	0.61	2.40	1.54	4.39	4.49	4.62	#50.21	54.57	4.9
523	ELK VALLEY, NEAR	E-2	USWB	1250	13	5.32	5.47	4.57	4.88	3.75	4.74	3.85	3.30	4.91	4.32	7.96	4.17	5.39	6.01	1.48	4.54	1.97	3.24	0.59	2.12	1.16	4.05	4.18	4.48	45.13	51.32	2.1
325	LAFOLLETTE	E-2	TVA	1065	20	6.29	5.29	5.00	4.72	4.49	4.77	4.18	3.56	3.93	4.06	6.17	4.40	4.48	5.04	1.66	4.44	1.87	2.56	0.54	2.11	1.57	3.86	4.32	4.17	44.50	48.98	3.6
423	WESTBOURNE SUBSTA.	E-2	TVA	1340	14	6.89	5.33	4.81	4.77	4.10	5.14	3.81	3.65	5.09	4.61	8.21	4.45	3.03	5.96	1.63	4.11	1.47	2.68	0.79	2.39	1.79	3.93	3.89	4.56	45.51	51.58	2.0
326	WELL SPRING	F-2	TVA	1040	16	5.74	4.76	4.83	4.84	4.34	4.80	3.54	3.23	3.96	4.10	5.94	3.93	4.37	4.88	0.87	3.49	1.50	2.54	0.69	2.23	2.42	3.69	3.64	4.01	41.84	46.50	T
333	ARTHUR	F-2	TVA	1150	18	4.89	5.72	5.64	5.12	4.32	5.04	2.88	3.39	5.05	3.66	6.61	4.18	5.25	5.47	1.08	4.37	1.49	2.77	0.52	2.38	2.05	3.74	3.97	4.19	43.75	50.03	3.5
334	MIDDLESBORO	F-2	USWB	1128	62	6.18	4.43	5.43	4.20	4.16	5.30	3.79	4.38	5.21	4.05	8.27	4.56	3.95	4.84	0.94	4.17	1.50	2.61	0.63	2.49	2.04	3.37	3.97	4.47	46.07	48.87	4.7
338	ROSE HILL	F-2	TVA	1475	20	3.82	5.74	5.86	4.86	3.70	5.20	2.33	3.62	5.80	4.04	6.35	4.62	3.60	5.48	0.38	4.38	1.53	2.72	0.48	2.43	1.86	3.63	3.65	3.86	39.36	50.58	1.6
487	BAXTER, NEAR (R)	F-2	USWB	1175	14	5.43	5.11	4.13	4.21	3.87	4.32	3.35	3.32	8.87	4.07	4.03	4.33	3.21	5.20	1.30	4.59	0.93	2.84	0.42	2.10	1.79	3.41	3.67	4.05	41.01	47.55	---
339	JONESVILLE NO. 2	F-2	TVA	1375	19	4.20	5.23	5.56	4.72	4.97	5.06	2.74	3.75	5.58	3.76	4.96	4.43	4.55	5.52	2.04	4.62	2.28	2.48	0.35	2.30	1.74	3.36	3.80	3.92	42.77	49.15	6.0
340	PENNINGTON GAP	F-2	USWB	1386	22	4.46	5.27	5.18	4.82	4.35	5.40	3.98	3.87	5.77	3.58	2.95	4.30	5.81	5.52	2.57	4.47	2.63	2.37	0.36	2.54	1.66	2.84	3.87	4.04	43.59	49.02	9.2
341	OLINGER	G-2	TVA	1400	19	4.88	5.33	4.82	4.34	4.77	4.94	2.59	3.50	6.31	4.22	6.37	4.55	4.59	5.13	1.81	4.50	2.16	2.79	0.35	2.30	1.81	3.29	3.56	3.80	44.02	48.69	6.5
344	HIGH KNOB (R)	G-2	TVA	4150	19	#4.49	5.23	4.85	4.17	4.54	5.07	2.12	3.85	5.99	4.34	4.25	4.92	2.15	6.55	#1.29	5.81	3.55	3.35	0.40	2.59	1.20	3.14	3.60	3.44	#38.43	52.46	---
342	DUNBAR, VIRGINIA	G-2	TVA	2000	19	5.49	5.11	5.16	4.27	5.36	4.90	2.37	3.78	7.48	4.49	5.44	4.76	3.08	5.91	2.34	4.99	1.60	2.86	0.54	2.41	1.42	3.41	3.78	3.66	44.06	50.55	14.6
327	WHITE HOLLOW (R)	F-2	TVA	1500	19	5.48	5.18	5.57	4.71	4.15	4.62	3.66	3.05	4.99	3.69	5.16	3.44	4.37	4.54	1.49	3.09	2.02	2.21	0.54	2.13	1.78	3.58	3.88	3.98	43.09	44.22	---
563	WALKERS FORD	F-2	TVA	1080	13	4.94	4.87	5.32	4.93	4.88	4.84	3.42	3.01	5.39	4.09	6.64	3.57	3.11	4.90	3.17	3.59	2.14	2.65	0.64	2.35	1.71	3.99	3.60	4.06	44.96	46.85	5.7
335	TAZEWELL, NEAR, TENNESSEE	F-2	TVA	1330	48	4.33	4.84	5.76	4.56	4.63	5.03	3.62	3.96	4.76	4.05	5.89	4.06	3.42	4.69	1.62	4.58	1.59	2.94	0.61	2.66	1.70	3.13	3.41	4.58	41.34	49.08	4.8
336	BIG SYCAMORE (R)	F-2	TVA	2300	19	3.71	4.71	4.88	4.28	3.97	4.58	3.01	3.17	5.48	3.59	3.79	3.70	3.52	4.78	0.93	3.85	1.03	2.15	0.47	1.87	1.70	2.90	3.24	3.52	35.73	43.10	---
673	THORN HILL	F-2	TVA	1430	7	4.64	6.17	5.57	4.78	4.24	4.84	3.17	2.82	5.43	4.64	3.96	4.08	3.09	4.67	1.02	2.67	2.51	2.48	0.40	1.79	1.61	4.00	3.45	3.73	39.09	46.67	6.6
348	CLINCHPORT	G-2	TVA	1260	58	3.97	4.26	4.82	4.06	5.18	4.83	2.91	3.54	5.13	3.66	5.10	4.24	2.76	4.85	0.54	4.44	3.00	2.92	0.40	2.39	1.22	2.89	3.75	4.13	38.78	46.21	3.5
349	DUNGANNON	G-2	TVA	2500	19	3.24	4.52	4.30	3.80	4.65	4.25	#3.01	3.07	5.49	3.44	5.95	4.17	2.98	5.92	1.80	4.17	2.09	2.79	0.26	2.15	1.38	2.82	3.63	3.37	#38.78	44.47	2.7
350	DANTE	G-2	USWB	1765	37	3.53	3.94	3.57	3.60	4.67	4.47	2.25	3.54	6.21	4.42	9.40	4.72	2.38	5.90	1.54	4.83	1.34	3.32	0.22	2.95	1.06	2.86	2.34	3.59	38.51	48.14	11.0
351	CLEVELAND, VIRGINIA	G-2	TVA	1540	20	2.85	3.90	3.42	3.49	4.19	4.07	3.08	3.15	5.49	3.94	9.92	4.98	3.11	5.50	2.00	5.22	3.00	3.00	0.20	2.29	1.10	2.91	2.08	3.09	40.44	45.54	5.5
352	HONAKER, NEAR	G-1	TVA	2200	19	3.33	3.89	4.23	3.53	3.81	3.99	3.37	3.35	6.46	4.27	9.80	4.89	3.62	5.27	1.52	4.77	2.15	3.38	0.76	2.61	1.23	2.94	2.50	2.99	42.78	45.88	18.4
614	HONAKER (R)	H-1	TVA	1950	12	2.86	3.66	3.93	3.62	3.51	3.82	2.71	2.90	7.47	4.56	6.17	4.08	2.56	4.27	1.07	3.95	2.63	3.33	0.53	2.12	1.11	2.63	2.47	3.15	37.02	42.09	---
355	SPRING CREEK (R)	H-2	TVA	2340	5	3.66		4.88		4.13		2.70		6.80		7.96		3.36		2.11		1.60		0.76		1.51		3.11		42.58		---
353	SWORDS CREEK	H-1	TVA	1900	19	3.64	3.81	4.18	3.49	3.70	4.00	2.64	3.32	7.93	4.44	7.58	4.27	3.84	5.38	0.51	4.38	2.33	3.05	0.57	2.26	1.31	2.59	2.43	2.87	40.66	43.86	12.6
356	JEWELL RIDGE	H-1	TVA	2750	19	3.45	3.73	3.93	3.40	4.39	4.00	2.48	3.18	7.88	4.10	7.26	4.89	3.54	4.88	1.19	4.60	1.70	2.69	1.06	2.45	1.30	2.83	2.82	2.87	41.00	43.62	19.9
357	TAZEWELL, VIRGINIA	H-1	TVA	2450	19	4.16	3.52	3.72	3.19	4.20	3.92	2.51	2.94	6.82	4.09	5.89	4.32	5.39	4.60	3.21	3.91	1.53	2.91	0.81	2.12	1.18	2.51	2.67	2.93	42.09	40.96	15.0
	HOLSTON RIVER																															
395	STRAWBERRY PLAINS	F-2	TVA	925	15	4.58	4.60	5.96	5.10	4.28	4.46	3.38	3.06	6.60	3.73	5.20	3.53	3.40	4.68	1.44	2.92	2.11	2.87	0.32	1.98	1.46	3.38	3.47	3.80	42.20	44.11	2.0
289	JOPPA	F-2	TVA	975	19	4.14	5.46	5.64	4.84	5.31	5.11	2.42	3.74	#6.02	3.76	4.75	3.30	2.28	4.46	1.93	3.85	2.43	2.49	0.57	2.20	1.54	3.43	3.22	3.75	#40.25	46.39	3.5
489	CHEROKEE DAM	F-2	TVA	1000	13	4.84	4.77	5.84	4.98	3.93	4.54	3.38	2.91	8.61	4.12	3.99	3.38	2.50	5.02	1.54	3.78	1.71	2.83	0.46	2.13	1.52	3.53	3.18	3.81	41.50	45.80	4.0
486	JEFFERSON CITY, NEAR (R)	F-2	USWB	1200	33	#3.21	4.27	5.31	4.09	3.71	4.14	2.72	3.41	4.51	3.57	4.52	3.63	1.63	4.73	1.22	3.98	1.55	2.43	0.36	2.60	1.01	2.61	----	----	-----	-----	---
579	JEFFERSON CITY EVAP. STA.	F-2	TVA	1200	12	3.47	4.84	5.49	5.07	3.75	4.57	2.95	2.83	5.76	4.27	4.73	3.25	2.15	4.76	1.08	3.69	1.96	3.22	0.49	1.98	1.39	3.59	2.92	4.08	36.14	46.15	6.7
290	MORRISTOWN, NEAR	F-2	TVA	1325	19	4.18	5.22	5.33	4.95	3.71	5.00	3.05	3.39	7.71	3.83	4.40	3.65	1.60	5.41	1.18	4.26	2.30	3.05	0.27	2.18	1.44	3.62	3.34	3.87	38.51	48.43	3.5
346	FLAT GAP	F-2	TVA	2000	18	4.36	5.16	5.51	4.69	3.95	4.60	3.04	3.29	5.70	3.77	4.42	3.59	3.17	5.11	0.69	3.91	2.18	2.64	0.41	2.18	1.49	3.33	3.25	3.79	38.17	46.06	0.5
291	ROGERSVILLE	F-2	TVA	1295	69	4.03	4.19	5.60	4.15	4.32	4.35	2.50	3.37	6.79	3.58	2.95	3.68	2.06	4.84	0.65	3.70	2.99	2.60	0.20	2.35	1.35	2.90	3.43	3.79	36.87	43.50	1.3
727	JOHN SEVIER STEAM PLANT (R)	G-2	TVA	1112	1	3.66		5.26		4.32		2.56		7.31		2.94		2.44		0.67		3.72		0.11		1.29		2.98		37.26		---
347	LITTLE WAR GAP	F-2	TVA	2000	19	3.96	4.88	5.34	4.30	4.07	4.92	3.10	3.53	4.41	3.62	3.82	3.60	4.62	5.70	0.92	3.72	2.77	2.78	0.34	2.20	1.61	3.27	3.69	3.72	38.65	46.24	2.3
516	STANLEY KNOBS (R)	G-2	TVA	1250	13	3.63	4.08	5.14	4.13	3.97	4.30	2.92	2.99	4.72	3.59	2.99	3.65	3.20	4.50	1.51	3.88	2.77	2.36	0.26	1.93	1.33	2.84	3.41	3.68	35.85	41.93	---
314	BIG KNOB (R)	G-2	TVA	3150	19	3.27	4.06	4.31	3.71	4.93	3.93	3.16	2.84	6.61	3.23	2.86	2.68	3.50	4.78	#0.18	3.51	#2.60	2.54	0.26	2.01	1.46	2.69	3.52	3.13	#36.66	39.11	---
315	MENDOTA	G-2	TVA	1350	49	3.75	4.19	4.81	3.68	4.85	4.51	4.63	3.68	7.39	3.93	4.79	4.35	3.09	5.07	0.19	4.41	2.69	3.05	0.90	2.89	1.40	2.74	3.51	3.83	42.00	46.33	6.4
316	HOLSTON	G-2	TVA	3450	19	3.83	3.80	4.61	3.62	3.80	3.78	2.73	2.86	6.57	3.81	6.58	3.85	2.59	4.66	0.08	3.58	2.50	2.52	1.14	2.42	1.01	2.59	2.46	3.07	37.90	40.56	11.2
318	SALTVILLE	H-2	USWB	1735	32	3.52	3.60	4.13	3.61	4.09	4.43	2.72	3.04	6.69	3.81	4.48	4.26	2.09	5.03	2.02	4.38	1.38	2.94	0.69	2.82	1.03	2.55	3.34	3.49	36.18	43.96	7.8
318A	SALTVILLE	H-2	TVA	1725	13	3.30	3.65	3.87	3.04	4.07	3.74	2.55	2.54	6.99	4.75	4.68	3.94	2.39	4.07	1.41	4.33	1.51	2.89	0.71	1.80	0.99	2.57	3.45	3.26	35.92	40.58	5.0
320	BURKES GARDEN	H-1	USWB	3075	58	3.39	3.68	4.57	3.58	3.78	4.63	2.96	3.60	6.23	4.13	5.43	4.70	6.11	4.62	1.56	4.42	4.03	3.33	0.88	2.95	1.09	2.88	3.49	3.52	43.52	46.04	24.5
293	KINGSPORT	G-2	USWB	1270	32	3.39	3.84	4.74	3.88	5.45	3.80	2.56	3.34	6.92	4.11	4.39	3.80	3.58	5.24	0.59	4.42	4.39	2.65	0.45	2.58	1.52	2.65	2.87	3.93	40.85	44.24	2.2
717	FORT PATRICK HENRY DAM	G-2	TVA	1220	2	3.12		4.74		5.39		3.22		6.64		3.95		2.84		0.75		4.06		0.58		1.17		2.94		39.40		2.0
707	BOONE DAM	G-2	TVA	1375	3	3.09		4.41		4.29		2.12		5.97		2.81		1.98		0.89		2.52		0.53		1.12		2.84		32.57		9.5
376	BRISTOL AIRPORT (R)	G-2	USWB	1545	16	2.73	3.50	4.25	3.41	4.01	3.77	2.82	3.25	5.02	3.44	3.97	3.67	3.58	5.14	0.93	3.89	2.90	2.79	0.41	2.39	1.07	2.56	2.69	3.43	34.38	41.24	10.0
688A	NORTH BRISTOL SUBSTA.	G-2	TVA	1740	6	3.99		4.18		5.16		2.40		5.37		4.52		3.95		2.70		3.15		0.44		0.93		3.30		40.09		7.0
495	BRISTOL, VIRGINIA	G-2	USWB	1800	21	3.99	2.93	4.35	3.48	5.44	4.22	3.77	2.96	4.56	3.41	5.65	4.26	5.15	5.10	3.00	3.80	3.85	2.68	0.45	2.12	1.00	2.74	2.98	3.51	44.19	41.21	5.0
688	BRISTOL, NEAR, VIRGINIA	G-2	TVA	1920	5	4.12		4.45		4.51		2.61		5.44		5.03		3.95		2.41		3.46		0.45		0.92		2.70		40.05		4.1
307	WALLACE, NEAR	G-2	TVA	1885	18	4.07	4.20	4.14	3.41	4.12	3.49	2.33	2.61	5.38	3.68	3.90	3.78	4.33	4.94	1.33	4.19	3.12	2.81	0.52	1.95	1.11	2.54	3.15	2.92	37.50	40.52	5.1
306	BLUFF CITY	G-2	TVA	1540	57	4.23	4.02	5.09	3.84	4.55	4.04	2.89	3.37	5.86	3.96	4.33	3.95	4.58	5.86	1.52	4.42	3.43	2.89	0.53	2.58	1.08	2.60	3.58	3.67	41.67	45.20	3.6
597	SOUTH HOLSTON DAM	G-2	TVA	1520	8	4.00	4.48	4.05	3.90	4.10	4.31	2.67	2.88	6.31	5.32	3.71	4.70	5.66	5.28	1.06	4.58	1.87	2.48	0.40	1.80	0.96	3.15	3.46	3.95	38.25	46.83	3.7

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1953 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs.of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Y E A R		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	HOLSTON RIVER (CONT'D)																															
308	CRANDULL	H-2	TVA	3405	19	4.77	4.71	5.03	4.10	3.81	4.33	#2.89	3.61	5.38	5.07	3.91	4.45	5.31	6.07	2.70	4.89	4.13	3.52	1.21	2.57	0.63	3.16	4.63	3.69	#44.40	50.17	30.2
604	ABINGDON (R)	H-2	TVA	2000	12	3.72	4.22	4.27	3.94	4.47	4.19	3.30	2.95	4.80	4.54	3.51	3.72	4.07	5.42	1.26	4.63	2.89	2.88	0.49	1.91	0.86	2.86	3.27	3.43	36.91	44.69	---
312	MARION	H-2	TVA	2200	47	2.61	3.32	4.13	3.36	4.22	3.82	2.74	3.05	6.12	4.08	6.37	4.72	2.19	4.69	1.82	4.42	1.96	2.81	1.12	2.35	0.70	2.42	4.07	2.92	38.05	41.96	7.0
613	GROSECLOSE	H-2	TVA	2570	11	3.38	3.67	3.94	3.13	4.59	3.67	2.26	2.95	4.72	4.58	4.90	3.50	6.76	4.61	2.92	4.80	1.91	3.18	1.26	1.97	0.58	2.84	4.16	3.15	41.38	42.05	10.4
613A	GROSECLOSE (R)	H-2	TVA	2590	4	2.85		3.24		4.50		2.48		3.11		4.72		#6.63		2.55		1.82		1.07		0.51		3.19		#36.67		---
313	WYTHEVILLE	H-2	USWB	2299	78	2.65	3.08	3.53	2.99	4.20	3.44	1.72	2.99	4.67	3.66	4.48	4.20	5.35	4.00	3.25	4.19	1.90	3.30	0.68	2.84	0.47	2.14	3.53	2.92	36.43	39.75	12.4
309	DAMASCUS	H-2	USWB	1950	27	3.78	3.37	4.47	3.66	4.08	3.92	2.65	3.35	3.98	4.32	5.66	4.07	5.23	5.72	2.16	4.46	2.47	3.32	1.37	2.37	1.09	2.42	3.73	2.95	40.67	43.93	14.8
310	LOVES MILL	H-2	TVA	2060	19	3.10	3.88	3.70	3.18	3.89	3.54	3.45	2.96	6.39	4.68	7.15	4.19	4.41	5.13	1.00	4.34	2.43	2.83	1.05	2.12	0.90	2.48	3.29	2.84	40.76	42.17	12.2
311	TROUT DALE	H-2	USWB	3120	19	5.72	4.10	5.22	3.73	5.97	4.36	2.99	3.60	3.03	4.27	8.37	4.27	3.65	5.87	2.00	4.83	3.17	3.31	1.81	2.48	1.36	3.04	5.16	3.40	48.47	47.26	17.9
408	SUGAR GROVE	H-2	USFS	2680	15	3.36	3.24	3.64	3.04	5.35	3.61	3.15	3.08	3.63	3.95	8.18	4.17	5.29	5.05	2.19	4.63	1.88	2.49	1.45	1.77	0.95	2.54	3.27	2.94	42.34	40.51	17.0
294	CEDAR CREEK	G-2	TVA	1750	19	3.13	4.05	4.69	3.78	4.28	4.24	1.97	3.00	6.94	3.54	2.48	3.52	2.82	5.47	1.98	3.59	2.47	2.94	0.92	2.21	1.33	2.82	3.38	3.27	36.39	42.43	5.5
689	JOHNSON CITY SUBSTA.	G-2	TVA	1580	6	3.30		4.51		4.05		2.44		6.86		2.97		4.79		3.24		2.77		0.52		0.69		3.66		39.80		4.3
416	JOHNSON CITY VETERANS HOSPITAL	G-2	TVA	1730	36	3.99	3.56	5.18	3.45	4.40	4.13	3.17	3.22	5.66	3.97	2.32	4.10	4.31	5.08	2.24	4.21	3.83	2.86	0.46	2.36	0.88	2.58	3.96	3.45	40.40	42.97	5.9
652	JOHNSON CITY E.T.S.C.	G-2	ETSC	1700	5	#3.99		#5.29		3.89		3.16		5.32		2.17		4.04		1.07		3.49		0.45		0.79		4.25		#37.91		5.7
295	ELIZABETHTON NO. 2	G-2	TVA	1512	62	3.59	3.43	4.36	3.50	3.51	4.07	2.69	3.22	3.93	4.30	3.59	4.34	4.59	5.77	2.33	4.55	1.94	3.00	0.39	2.69	0.76	2.43	3.55	3.44	35.23	44.74	4.7
225	STONE MOUNTAIN	G-2	TVA	2590	19	4.14	4.52	6.43	4.42	3.10	4.92	2.47	3.58	4.31	3.78	3.82	4.68	5.04	6.64	1.88	4.00	2.94	3.14	0.56	2.32	0.89	3.29	3.73	3.48	39.31	48.77	10.5
708	ROAN MOUNTAIN	G-2	TVA	2585	3	4.60		4.42		2.38		1.91		4.84		5.55		4.04		2.77		2.01		1.13		1.00		2.97		37.62		7.5
686	HAMPTON	G-2	TVA	1825	6	3.23		5.40		2.96		2.05		3.85		2.69		4.12		2.02		2.31		0.28		0.61		3.06		32.58		3.5
596	WATAUGA DAM	G-2	TVA	1714	7	4.50	4.89	5.80	3.71	3.66	4.23	2.44	3.40	5.02	4.23	4.07	4.90	5.74	5.54	2.68	4.91	1.91	2.84	0.61	1.87	0.80	3.74	4.54	3.66	41.77	47.92	6.6
297	COLESVILLE	G-2	TVA	2130	19	3.93	3.98	4.89	3.81	3.88	3.66	3.55	2.77	3.89	3.87	3.58	4.08	6.98	5.14	2.13	4.40	4.01	3.19	0.92	2.10	1.02	3.00	5.28	3.37	44.06	43.37	8.7
491	BUTLER (R)	G-2	TVA	2070	13	4.44	3.85	5.03	3.42	3.52	3.83	2.54	2.90	3.96	4.05	5.67	4.49	5.00	5.75	1.99	3.70	3.06	2.98	0.88	1.76	0.85	2.77	4.08	3.31	41.02	42.81	---
609	TRADE	H-2	TVA	3530	11	4.67	3.84	DISCONTINUED JANUARY 31, 1953																						-----	-----	---
301	MOUNTAIN CITY	H-2	TVA	2410	45	3.56	3.74	3.96	3.48	3.63	4.23	2.93	3.42	3.77	4.09	5.91	4.56	3.94	5.68	1.53	4.85	1.93	2.99	1.33	2.50	1.18	2.34	4.78	3.33	38.45	45.21	11.5
304	PARKER	H-2	USWB	3950	36	3.46	4.20	4.11	3.50	5.20	4.60	4.06	3.90	3.23	3.90	3.52	5.90	4.88	5.20	1.44	5.80	2.63	3.60	1.67	3.30	1.45	2.20	3.99	3.60	39.64	49.70	31.3
305	JEFFERSON	H-2	USWB	2900	48	5.09	3.20	4.72	3.40	6.32	4.20	1.91	3.80	3.51	4.40	5.08	5.00	4.36	4.90	0.64	5.20	2.30	4.20	1.43	3.90	0.95	2.60	4.79	4.20	41.10	49.00	17.8
298	ODOMVILLE	G-2	TVA	2760	19	4.80	4.08	4.66	3.78	2.54	4.10	3.23	3.39	4.17	4.26	#4.04	4.64	4.48	6.50	1.04	4.15	1.80	3.06	1.10	2.38	1.24	3.07	3.55	3.12	#36.65	46.53	8.0
299	BANNER ELK	H-2	USWB	3710	46	6.30	3.72	5.12	3.78	4.34	5.33	2.38	4.24	4.17	4.85	6.54	5.37	4.18	6.26	1.76	5.85	2.96	4.43	1.61	4.91	1.67	2.60	3.74	4.59	44.77	55.93	22.7
300	REESE	H-2	TVA	3320	19	4.07	3.85	3.55	3.74	3.87	4.12	1.76	3.28	3.69	4.29	3.58	4.07	7.16	6.06	1.36	4.62	2.75	3.31	1.21	2.74	1.06	3.02	3.40	3.08	37.46	46.18	17.3
607	MAST	H-2	TVA	2670	11	4.09	3.64	3.65	2.79	3.71	3.91	1.88	2.96	4.77	3.84	5.66	4.48	3.39	4.35	1.26	3.54	2.51	3.26	0.92	2.30	1.51	3.27	3.15	3.20	36.50	41.54	9.7
609B	ZIONVILLE	H-2	TVA	3710	1	ESTAB. 1-21-53		4.04		5.37		2.90		3.69		4.93		5.29		1.46		3.37		1.22		1.42		3.33		-----		---
694	RICH MOUNTAIN GAP (R)	H-2	TVA	4350	7	6.08	4.98	4.72	3.69	6.77	5.43	4.38	4.31	3.38	3.92	5.90	5.68	5.83	4.49	2.02	5.18	4.58	4.42	1.50	3.27	2.07	5.42	3.61	4.01	50.84	54.80	---
303	BOONE	H-2	USWB	3250	25	6.30	3.64	5.79	3.15	6.78	5.03	1.99	4.40	4.27	4.59	5.69	5.93	4.79	6.05	1.36	6.18	3.28	4.23	1.30	6.02	2.55	2.94	3.85	5.24	47.95	57.40	12.9
632	BLOWING ROCK	H-2	USWB	3600	9	----	----	----	----	8.55	6.33	----	----	----	----	5.46	5.25	4.35	6.60	1.49	6.21	4.96	5.84	----	----	----	----	----	----	-----	-----	---
	HIWASSEE RIVER BELOW HIWASSEE DAM																															
93	BIG SPRING	H-3	TVA	720	19	5.21	6.35	7.59	5.36	4.04	5.78	4.14	4.32	6.14	3.96	3.89	4.02	7.27	5.27	1.72	4.30	2.09	3.24	0.86	2.88	0.94	3.83	5.93	4.89	49.82	54.20	2.0
429	CLEVELAND SUBSTA.	E-3	TVA	850	14	6.18	5.62	7.28	5.25	3.61	5.99	4.85	3.64	3.76	3.74	2.78	3.93	4.97	4.06	2.44	3.47	3.23	3.40	0.54	2.98	1.62	4.10	5.22	5.18	46.46	51.36	3.0
98	CHARLESTON	H-3	TVA	720	61	#5.96	5.19	7.22	4.83	3.48	5.68	4.69	4.49	3.75	3.86	3.66	4.07	5.72	4.50	2.61	3.75	2.72	2.64	0.52	3.10	1.48	3.88	6.30	5.13	#48.11	51.12	2.0
428	ATHENS SUBSTA.	E-3	TVA	940	14	6.45	5.94	8.07	5.36	4.15	5.96	4.50	3.64	6.81	4.21	3.61	3.61	4.11	5.10	1.31	4.35	3.32	3.90	0.43	2.99	1.31	3.92	5.79	5.05	49.86	54.03	---
C17	NEW BETHEL (R)	E-3	TVA	900	9	5.38	6.33	6.85	5.04	4.35	5.39	4.01	3.18	3.67	3.89	2.94	4.05	5.39	3.85	1.95	4.09	5.15	3.85	0.65	2.80	1.49	4.70	4.92	4.65	46.75	51.82	---
C19	DOUBLE SPRINGS (R)	E-3	TVA	820	10	4.95	6.69	7.16	5.16	3.90	6.02	3.86	3.35	5.68	4.14	4.67	3.97	6.61	4.36	#1.85	3.81	4.43	4.10	0.60	2.75	1.32	4.67	5.04	4.75	#50.07	53.77	---
C11	ENGLEWOOD	E-3	TVA	820	10	4.76	6.55	6.92	5.01	4.19	5.51	3.86	3.35	6.09	4.13	2.49	3.42	#5.50	5.00	#1.21	3.53	4.24	3.96	0.40	2.69	1.77	4.54	4.70	4.52	#46.13	52.21	3.0
C5	HICKORY GROVE (R)	H-3	TVA	1040	10	5.69	6.93	7.14	5.33	4.21	5.73	3.76	3.57	5.46	4.62	3.27	4.50	#5.63	4.24	#1.53	3.78	3.40	3.88	0.43	2.76	1.59	4.56	4.38	4.73	#46.49	54.63	---
C7	CENTER	E-3	TVA	980	10	4.89	6.96	6.97	5.22	4.08	5.40	4.35	3.42	5.08	4.08	3.50	3.44	3.92	4.75	1.18	3.38	3.00	4.02	0.35	2.82	1.49	4.49	4.30	4.47	43.11	52.45	---
99	PARKSVILLE DAM	E-3	TVA	750	29	5.54	4.84	6.81	4.73	3.01	5.64	4.65	4.21	7.69	4.07	4.23	4.90	5.93	5.02	1.23	3.90	4.57	3.07	0.99	2.70	1.62	3.34	5.60	4.65	51.87	51.07	3.0
627	CONASAUGA, NEAR	E-3	USWB	775	10	5.40	6.27	6.84	5.41	3.37	6.04	5.71	3.82	6.52	3.85	3.79	3.71	7.33	4.53	1.71	2.79	5.60	4.17	0.41	2.78	1.42	4.50	4.14	4.32	52.24	52.19	2.7
690	DOUBLE SPRINGS GAP (R)	E-4	USWB	1000	8	6.49	5.43	6.70	4.91	#3.59	6.47	4.67	3.91	4.69	4.06	3.73	4.58	5.95	5.08	1.28	3.38	5.12	3.78	0.97	2.47	1.22	4.34	4.63	4.26	#49.04	52.67	---
100	OCOEE NO. 2 POWERHOUSE	H-3	TVA	860	39	6.47	5.08	7.11	4.73	3.28	5.74	4.57	4.27	5.16	4.10	4.68	4.24	5.72	5.40	3.31	4.20	3.76	3.25	1.07	3.02	1.15	3.68	5.02	4.82	51.30	52.53	4.8
101	SASSAFRAS KNOB (R)	E-3	TVA	3300	19	7.75	6.42	8.20	5.74	3.21	6.24	4.91	4.64	4.03	4.01	3.12	4.11	4.64	5.62	0.46	4.60	5.23	3.49	1.50	3.03	1.78	4.03	6.29	5.23	51.12	57.16	---
501A	DUCKTOWN (R)	H-3	TVA	1700	14	6.54	5.04	7.14	4.68	3.33	5.80	4.73	3.26	3.84	3.67	2.20	4.30	6.25	5.22	2.19	4.26	4.42	3.07	0.84	2.80	1.11	3.36	5.35	4.68	47.94	50.14	---
107	COPPERHILL	H-4	USWB	1624	40	6.98	5.76	7.26	5.15	3.78	5.95	4.20	4.65	3.83	4.18	1.88	4.17	7.00	5.78	1.74	4.29	4.45	2.96	1.40	3.03	1.57	3.85	6.28	5.36	50.37	55.13	3.4
431	COPPERHILL NO.2 SUBSTA.	E-3	TVA	1600	18	7.02	6.17	8.56	5.40	3.83	6.48	4.88	4.27	3.99	3.74	1.89	4.32	6.00	6.16	1.87	4.68	4.68	3.30	1.19	2.83	1.44	3.43	6.18	5.16	51.53	55.94	4.0
109	FLAT TOP (R)	E-4	TVA	3650	19	12.13	10.15	10.86	8.56	6.22	9.18	6.00	6.42	7.20	5.11	1.81	6.08	10.85	8.30	1.55	5.99	7.73	4.64	1.33	3.82	2.95	6.05	11.22	8.13	79.85	82.43	---
110	BLUE RIDGE DAM	H-4	TVA	1560	33	6.25	5.69	6.85	5.30	3.85	5.99	3.80	4.94	3.73	4.45	3.21	4.12	8.40	5.48	2.12	4.27	3.95	2.80	0.98	2.78	1.81	3.69	7.53	5.96	52.48	55.47	8.8
111	STANLEY GAP (R)	E-4	TVA	2300	19	8.31	6.94	8.67	6.11	3.65	6.85	3.95	4.99	3.31	3.84	1.50	4.09	4.33	5.55	1.06	4.49	6.96	3.26	1.06	2.63	2.96	4.25	9.97	5.94	55.73	58.94	---
112	NOONTOOTLA CREEK	H-4	TVA	1960	19	8.04	6.45	9.97	6.49	4.66	7.21	4.21	5.11	2.96	4.29	2.51	4.59	7.94	6.10	1.43	5.24	7.64	3.54	0.65	2.98	1.91	3.92	9.24	5.60	61.16	61.52	7.5
633	DIAL POST OFFICE	E-4	TVA	1900	6	7.03	6.08	7.64	5.92	4.84	8.05	5.57	4.30	3.26	4.11	3.51	5.39	6.42	6.26	2.22	4.50	6.47	4.81	0.78	2.95	1.82	4.83	9.19	6.52	58.75	63.72	5.5
720	GRIZZLE CREEK, RADIO	E-4	TVA	2110	1	----		8.6		4.0		3.8		2.7		3.1		7.3		1.3		5.8		0.8		2.3		9.5		-----		---
115	SUCHES	H-4	TVA	2800	19	13.12	7.97	9.62	7.19	5.93	8.58	4.41	6.18	4.51	5.09	4.65	5.21	8.69	7.19	2.56	7.25	8.54	4.63	1.04	4.34	3.96	5.63	12.21	7.24	79.24	76.50	11.9
120	COKER CREEK	E-3	TVA	1650	19	7.86	6.19	7.60	5.52	4.89	6.36	6.14	4.45	6.24	4.19	2.56	4.36	5.26	5.55	1.79	4.46	4.84	2.91	1.22	2.51	1.71	3.94	5.87	4.84	55.98	55.28	16.8
638	APALACHIA POWERHOUSE	E-3	TVA	880	10	6.38	6.43	7.36	6.14	3.78	6.03	4.49	3.98	7.41	4.67	3.85	4.22	6.72	5.38	1.24	3.68	4.94	3.67	0.74	2.69	1.38	4.37	5.10	4.84	53.39	56.10	6.5
575	FARNER (R)	E-3	TVA	1600	12	7.45	6.14	7.24	5.75	3.44	6.64	5.21	3.84	5.22	4.34	2.76	4.60	6.06	5.84	2.86	4.00	5.83	3.81	1.72	2.95	1.71	4.12	5.48	5.63	54.98	57.66	---
121	TURTLETOWN	E-3	TVA	1600	19	8.32	6.32	8.44	5.91	3.65	6.67	5.97	4.60	4.84	3.84	2.20	4.48	7.25	5.62	2.53	4.31	5.20	3.21	2.32	2.93	1.96	3.87	6.59	4.99	59.27	56.75	10.8

(#) Interpolated or partly interpolated. (R) Recorder at present.

TENNESSEE VALLEY AUTHORITY

ANNUAL 1953 PRECIPITATION—In Inches

HYDRAULIC DATA BRANCH

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs.of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Y E A R		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	BIWASSEE RIVER ABOVE BIWASSEE DAM																															
125	HIWASSEE DAM (R)	E-3	TVA	1500	16	6.27	5.49	7.17	5.32	#3.52	6.35	5.26	4.05	4.35	3.94	1.88	4.44	7.71	5.58	2.84	3.97	5.69	2.97	2.06	2.47	1.69	3.57	5.39	4.72	#53.83	52.87	---
125A	HIWASSEE DAM NO. 2	E-3	TVA	1310	14	6.70	5.65	7.38	5.31	3.43	6.60	5.25	3.76	5.04	4.11	1.85	4.23	7.79	5.51	2.86	4.18	5.63	3.34	1.82	2.56	1.65	3.72	5.36	5.04	54.76	54.01	---
126	BEAVERDAM CREEK	E-3	TVA	1900	19	9.28	7.44	8.81	6.38	4.97	7.67	6.04	5.37	5.43	4.72	3.78	5.18	8.14	7.22	6.90	6.02	4.75	3.80	2.52	3.34	2.77	4.47	6.25	6.07	69.64	67.68	13.6
127	LETITIA	E-3	TVA	1800	16	7.69	5.95	7.27	5.62	4.70	6.78	5.68	4.38	4.35	4.18	2.47	4.95	8.45	6.48	1.86	4.29	4.37	3.44	2.56	2.75	2.04	3.79	7.19	5.26	58.63	57.87	11.0
129	SWEET GUM (R)	E-4	TVA	1800	19	5.99	5.90	6.87	5.30	3.60	6.08	3.93	4.52	3.48	3.54	2.00	4.24	6.65	5.31	2.38	4.05	4.02	3.05	1.98	2.39	1.69	3.42	6.52	4.81	49.11	52.61	---
573	NOTTELY DAM	E-4	TVA	1740	12	6.22	5.46	6.71	5.41	3.24	6.21	4.66	3.64	3.03	4.11	3.25	4.10	7.18	5.25	0.90	3.74	5.73	3.59	0.75	2.45	1.66	3.24	6.49	5.03	49.82	52.23	10.0
131	HEMPTOWN GAP	E-4	TVA	2050	19	5.24	5.45	7.76	5.24	3.43	5.88	4.93	4.37	3.31	3.88	1.69	4.05	8.11	5.75	2.32	4.58	6.71	3.01	0.71	2.55	1.50	3.24	6.85	4.42	52.56	52.42	11.6
133	BLAIRSVILLE NO. 2	F-4	TVA	1825	21	6.98	5.82	7.70	5.48	2.87	5.38	3.71	4.01	3.39	4.19	2.56	3.77	7.17	5.19	1.74	4.51	6.97	3.10	0.90	3.19	2.60	3.02	6.40	5.28	52.99	52.94	3.7
570	CHOESTOE	F-4	TVA	1900	11	9.06	6.08	8.71	5.97	3.82	7.95	4.09	4.22	3.58	4.19	3.57	4.52	7.83	5.54	3.30	4.72	8.12	4.54	0.86	2.92	2.92	4.09	7.78	5.24	63.64	59.98	4.8
135	NEEL GAP (R)	F-4	TVA	3300	19	8.60	6.85	7.44	6.11	4.58	6.92	3.01	5.00	3.50	3.92	2.81	4.65	8.92	6.39	1.63	6.50	8.41	4.54	0.85	3.73	3.07	4.62	9.10	5.95	61.92	65.18	---
136	MURPHY EVAPORATION STA . (R)	E-3	TVA	1575	79	7.20	5.62	7.09	5.16	4.50	5.97	5.42	4.75	4.32	4.28	1.95	4.51	6.40	5.58	0.95	4.76	5.73	2.83	0.85	2.76	1.99	3.63	6.62	5.24	53.02	55.09	---
138	TOMOTLA	F-3	TVA	1575	18	8.59	6.64	8.31	6.04	4.65	6.65	6.11	4.82	3.64	4.05	3.36	4.47	6.59	6.88	0.96	5.00	6.14	3.26	1.26	2.79	1.94	3.58	8.11	5.38	59.66	59.56	9.3
140	HYATT CREEK	F-3	TVA	2450	19	9.01	8.06	10.54	7.28	5.38	8.25	7.09	5.70	7.14	5.44	3.45	5.68	7.87	7.52	1.69	5.87	8.05	3.97	1.34	3.65	1.95	4.68	#7.70	6.70	#71.21	72.80	12.3
141	ANDREWS	F-3	USWB	1840	45	7.31	5.40	7.82	5.50	3.47	6.60	4.78	4.70	4.20	5.00	1.64	5.10	4.30	6.10	1.59	5.00	5.88	3.80	1.27	3.40	2.34	4.00	7.31	6.80	51.91	61.40	5.1
362	TEYAHALEE BALD (R)	F-3	TVA	4750	16	7.88	7.39	8.79	6.55	5.00	7.63	5.45	4.85	5.37	4.93	1.37	5.77	4.53	7.01	3.43	5.02	5.78	4.15	0.91	2.68	2.54	4.98	9.26	6.25	60.31	67.21	---
146	YOUNG HARRIS	F-4	TVA	1920	16	5.64	4.56	6.83	5.08	2.48	6.53	4.43	3.66	3.70	3.56	4.08	5.08	5.62	5.53	0.74	4.14	4.98	3.64	0.47	2.41	1.08	3.89	6.19	4.76	46.24	52.84	5.2
147	BRASSTOWN BALD (R)	F-4	TVA	4780	19	7.31	6.15	7.77	5.52	4.44	6.80	3.57	5.08	3.54	4.26	5.59	4.59	5.87	6.26	2.78	5.84	7.89	4.55	1.01	3.81	2.59	4.08	7.04	5.27	59.40	62.21	---
144	ANDREWS DAM	F-3	NP.CO.	1670	19	5.01	4.76	5.76	4.36	3.28	5.14	4.09	3.89	3.79	3.10	3.14	4.20	5.59	5.98	2.29	4.03	7.48	2.75	0.79	2.41	1.61	2.79	5.05	3.87	47.88	47.28	---
572	CHATUGE DAM	F-3	TVA	1930	12	5.59	5.36	7.01	5.50	3.20	5.99	3.45	3.72	3.05	4.04	7.15	4.36	7.03	5.04	0.61	3.49	5.81	3.60	0.52	2.33	1.83	3.39	6.98	4.96	52.23	51.78	7.0
151	HIAWASSEE	F-4	TVA	1950	11	7.16	4.56	7.85	5.70	3.18	5.67	3.16	4.92	3.53	3.36	6.17	4.03	6.42	7.20	1.66	4.81	5.58	3.24	1.37	2.41	2.41	2.92	7.35	4.90	55.84	53.72	8.0
152	GLADE GAP (R)	F-3	TVA	3800	19	6.76	6.62	7.51	6.11	4.14	6.56	4.50	4.72	3.97	4.25	5.29	5.19	5.74	7.25	3.54	5.39	4.35	3.93	0.90	3.00	2.17	3.84	8.33	5.50	57.20	62.36	---
153	LITTLE HIGHTOWER	F-4	TVA	2150	19	7.72	5.57	7.71	5.35	5.30	7.16	4.52	4.99	3.82	4.05	5.55	4.98	6.76	6.59	2.07	5.59	9.86	4.47	1.80	3.48	3.05	4.18	6.46	5.35	64.62	61.76	6.0
574	TITUS	F-4	TVA	2180	12	7.22	5.70	8.47	6.09	5.15	8.30	4.57	5.09	4.33	4.72	5.41	5.31	6.20	6.08	1.53	5.46	10.58	5.79	2.17	3.58	3.28	4.51	7.76	5.81	66.67	66.44	3.7
154	TRAY MOUNTAIN (R)	F-4	TVA	3900	19	12.84	7.47	9.73	6.28	7.38	7.94	3.56	5.67	5.51	4.88	7.22	4.97	12.38	7.76	1.80	7.44	8.40	5.46	1.53	4.79	5.20	5.20	10.62	6.63	86.17	74.49	---
	LITTLE TENNESSEE RIVER BELOW FONTANA DAM																															
171	MCGHEE	E-3	TVA	810	50	5.11	5.07	6.18	4.80	4.52	5.11	3.47	4.03	5.57	4.38	3.32	3.71	2.47	5.25	1.30	4.01	2.96	2.79	0.55	2.84	1.75	3.63	4.18	4.76	41.38	50.38	5.0
173	KITTIE	E-3	TVA	1000	19	5.38	5.68	5.17	4.74	4.30	5.44	4.56	3.90	6.74	4.29	2.70	3.28	4.02	4.67	3.33	4.41	5.33	2.75	0.30	2.58	1.58	3.70	3.97	4.18	47.38	49.62	5.3
174	TELLICO PLAINS	E-3	TVA	940	40	6.27	5.62	6.88	5.28	6.00	6.22	5.35	4.24	6.81	5.09	2.71	4.37	6.12	5.35	2.39	5.01	4.34	3.32	0.59	3.19	1.81	3.98	4.20	4.81	53.47	56.48	6.5
374	TELLICO RANGER STATION	E-3	USFS	1100	15	6.42	5.61	6.85	5.21	4.43	5.49	5.30	4.06	5.95	4.07	2.63	4.48	4.42	5.02	1.30	4.11	4.75	2.74	0.94	2.66	1.69	3.68	4.33	4.36	49.01	51.49	7.0
179	HAW KNOB (R)	E-3	TVA	4980	19	12.01	7.99	9.42	6.97	6.66	7.59	6.41	5.49	5.97	5.50	3.86	5.60	7.85	8.52	3.08	6.55	5.32	4.13	2.06	3.34	3.20	4.78	7.64	6.15	73.48	72.61	---
175	MINT	E-3	TVA	920	19	4.49	5.51	6.24	4.96	4.85	5.33	4.30	3.67	6.11	4.07	2.02	3.59	3.88	5.70	1.00	4.98	3.52	3.06	1.13	2.58	2.20	3.84	3.82	4.40	43.56	51.69	11.6
668	ABRAMS CREEK	F-3	USDI	1400	8	5.87	7.15	8.17	5.24	5.75	5.86	5.86	4.06	7.51	5.21	3.91	4.21	3.06	5.42	3.20	3.99	4.90	3.12	1.77	2.72	1.98	5.62	4.71	4.44	56.69	57.04	9.0
176	CALDERWOOD POWERHOUSE	F-3	ALCOA	950	23	6.03	5.08	8.19	5.10	4.22	5.56	4.82	4.17	7.31	4.44	3.06	4.00	4.28	5.86	3.72	5.30	5.15	2.86	1.24	2.88	1.50	3.18	3.61	4.30	53.13	52.73	---
178	CHEOAH DAM	F-3	ALCOA	1110	24	6.96	5.49	8.90	5.57	4.68	6.15	4.41	4.41	5.92	4.51	2.33	4.54	4.42	5.84	1.28	5.06	5.08	3.11	1.63	2.97	1.79	3.32	4.18	5.06	51.58	56.03	---
180	SANTEETLAH DAM	F-3	ALCOA	1960	23	7.58	6.38	8.27	5.76	4.31	6.53	4.72	4.29	5.13	3.90	4.02	4.08	6.04	5.36	1.90	4.85	5.18	2.76	1.19	2.61	2.03	3.78	6.31	5.79	56.68	56.09	---
550	SANTEETLAH GAP	F-3	TVA	2780	13	8.67	7.86	8.89	6.77	5.34	7.80	5.02	4.34	4.52	4.66	2.99	5.11	6.11	6.19	1.17	4.31	6.09	4.31	1.49	2.97	#2.35	4.94	6.37	6.79	#59.01	66.05	14.5
660	TWENTYMILE	F-3	USDI	1310	8	7.36	7.39	8.17	5.32	4.74	6.67	4.45	4.21	5.54	5.27	3.30	5.41	4.49	5.00	1.14	4.21	4.04	3.58	2.18	3.07	2.03	5.51	4.15	5.27	51.59	60.91	---
592	FONTANA DAM	F-3	TVA	1312	12	6.32	5.99	7.63	5.56	4.23	6.38	4.29	3.66	6.09	4.55	2.64	5.25	6.03	5.45	2.76	4.13	6.42	3.71	1.26	2.44	1.96	4.06	4.85	5.36	54.48	56.54	---
	LITTLE TENNESSEE RIVER ABOVE FONTANA DAM																															
181	PROCTOR	F-3	TVA	1735	19	7.73	6.70	#7.38	5.98	4.21	6.40	4.18	4.47	5.37	4.23	2.20	4.69	7.32	6.47	2.04	4.27	3.74	3.28	1.15	2.77	1.88	3.75	4.84	5.10	#52.04	58.11	13.0
182	STECOAH	F-3	TVA	2030	19	6.07	6.90	7.78	5.96	4.79	6.54	5.21	4.74	4.14	4.09	3.58	4.61	7.14	6.26	1.65	4.00	4.01	3.24	0.81	2.64	1.85	3.74	6.33	5.17	53.36	57.89	9.3
696	FORNEY CREEK	F-3	TVA	2180	5	6.66		8.40		5.08		3.69		5.35		2.93		10.04		2.70		2.90		1.51		1.70		4.82		55.78		15.5
184	CLINGMANS DOME (R)	F-3	TVA	6400	18	10.85	9.41	10.83	7.85	7.45	8.38	5.13	6.22	6.40	6.01	7.04	6.45	9.86	9.00	5.81	8.18	3.52	5.25	3.57	4.43	4.18	6.13	9.25	7.07	83.89	84.38	---
185	BRYSON CITY (R)	F-3	TVA	2000	66	4.50	5.01	6.65	5.10	4.42	5.88	3.74	4.14	4.22	4.10	2.34	4.31	3.77	5.40	3.20	4.76	3.62	3.21	0.40	2.74	1.93	3.24	5.34	4.93	44.13	52.82	---
525	ELA, NEAR	F-3	NPCO.	1830	12	4.94	5.75	7.33	5.14	4.54	5.99	#4.35	3.57	4.10	4.52	4.28	4.12	4.73	5.38	2.71	5.06	3.16	3.33	0.45	2.56	1.74	3.56	#6.10	5.32	#48.43	54.30	---
542	CHEROKEE	F-3	USDI	1950	12	4.84	5.68	7.09	5.02	4.84	5.97	2.83	3.11	3.85	3.45	2.62	4.24	3.25	5.62	1.81	3.72	2.58	2.73	0.58	2.15	1.53	3.54	4.72	5.06	40.54	50.29	9.0
186	RAVENSFORD	F-3	USWB	2100	21	5.27	6.48	8.71	5.96	5.09	6.78	4.26	4.39	5.31	4.23	3.87	4.13	3.56	6.20	2.75	5.17	3.02	3.19	0.90	2.73	1.87	3.87	6.55	5.18	51.16	58.31	9.0
187	SPRUCE MOUNTAIN (R)	F-3	TVA	4800	19	6.50	6.64	8.30	5.47	5.35	6.15	3.93	4.14	4.49	3.78	3.94	4.49	6.18	6.53	4.60	5.09	3.28	3.72	0.88	3.05	2.78	4.18	6.83	4.97	57.06	58.21	---
377	JACK COVE	F-3	TVA	1920	16	5.10	5.22	7.34	5.19	4.15	5.77	3.12	3.38	4.49	3.59	2.87	3.95	3.12	5.36	1.48	4.17	2.42	2.88	0.63	1.90	1.82	3.28	5.85	4.57	42.39	49.26	6.5
249	BALSAM	F-3	TVA	3330	12	6.53	5.90	7.51	5.52	4.18	6.28	3.49	3.78	4.73	4.70	4.04	4.27	4.62	5.95	3.10	5.61	3.08	4.20	0.96	2.91	1.60	3.99	6.71	5.44	50.55	58.55	17.0
189	CULLOWHEE	F-3	USWB	2100	44	4.66	3.90	6.01	3.20	2.54	5.20	3.49	3.60	2.79	3.60	4.40	4.00	3.59	4.20	1.22	4.00	2.61	3.50	0.97	2.70	1.14	2.20	6.18	4.20	39.60	44.30	5.0
564A	THORPE POWERHOUSE	F-3	NPCO.	2320	12	6.35	5.32	6.49	5.07	3.33	6.87	2.82	3.77	4.67	4.12	5.06	4.35	4.78	5.14	4.53	4.30	3.73	4.14	0.58	2.86	2.38	3.79	5.92	5.21	50.64	54.94	---
509	LAUREL MOUNTAIN (R)	F-3	TVA	4260	13	9.77	7.02	9.87	6.21	6.97	8.74	4.14	4.96	4.13	4.99	8.72	6.32	6.02	7.31	5.32	6.05	4.72	5.62	0.98	4.41	3.50	5.75	9.35	7.38	73.49	74.76	---
190	HAYWOOD GAP (R)	G-3	TVA	5400	19	9.99	6.25	8.43	5.41	8.05	6.95	3.99	4.92	3.75	4.28	7.02	5.32	5.47	7.33	2.44	7.06	4.75	5.13	0.52	4.27	3.97	4.74	7.36	5.50	65.74	67.16	---
191	OWENS GAP	G-3	TVA	3720	19	10.59	6.89	7.63	5.89	9.20	7.61	3.30	5.64	3.94	4.58	7.18	5.54	6.04	7.50	3.40	7.63	4.22	5.33	1.16	4.29	3.94	5.37	7.68	6.80	68.28	73.07	14.0
193	NANTAHALA	F-3	NPCO.	2020	19	7.03	6.78	8.66	6.37	3.91	6.78	4.68	4.84	5.85	4.18	2.03	4.72	4.62	6.19	3.83	4.71	3.82	3.32	0.69	2.82	2.86	3.80	7.19	5.21	55.17	59.72	9.3
594	NANTAHALA DAM	F-3	NPCO.	2950	12	7.68	7.78	8.04	6.71	3.71	7.61	4.43	4.36	5.68	5.04	1.54	4.53	5.14	6.20	1.87	4.15	4.35	4.42	1.03	2.87	2.65	4.57	8.36	6.62	54.48	64.86	---
194	NEEDMORE	F-3	TVA	1830	19	5.81	6.06	7.29	5.18	4.16	5.91	3.94	3.91	4.73	3.32	2.93	3.89	4.23	5.52	0.75	4.03	2.57	2.87	0.77	2.35	2.01	3.49	5.90	4.63	45.09	51.16	8.2
195	RAVEN MOUNTAIN (R)	F-3	TVA	4500	19	6.18	6.53	7.56	5.53	3.78	5.94	3.31	4.10	4.40	3.79	3.28	4.49	5.35	6.51	3.16	5.23	3.48	3.58	0.74	2.73	2.20	3.81	7.19	5.10	50.63	57.34	---
196	FRANKLIN POWERHOUSE	F-3	NPCO.	2000	20	4.77	5.02	7.64	4.51	3.77	5.58	4.08	3.69	5.59	3.27	3.79	4.43	4.84	5.35	3.09	4.55	4.90	3.35	1.08	2.60	2.02	3.02	#6.94	4.24	#52.51	49.61	---
198	FRANKLIN	F-3	TVA	2130	5	5.08		6.93		3.51		3.19		5.63		4.46		5.56		2.65		3.70		0.58		1.86		5.88		49.03		6.9
586	CARTOOGECHAYE CREEK	F-3	TVA	2200	12	6.41	6.07	7.83	5.93	5.22	7.58	3.33	4.00	4.77	4.29	6.17	4.58	4.83	5.84	4.12	4.37	5.36	4.54	1.20	2.99	2.79	4.43	8.10	6.29	60.13	60.91	6.2
197	WAYAB BALD (R)	F-3	TVA	5350	19	9.78	8.29	10.66	6.87	5.55	7.39	5.69	5.02	5.85	4.52	4.64	4.94	4.62	6.71	3.68	5.00	4.35	4.31	0.88	3.33	2.89	4.68	9.76	6.19	68.35	67.25	---

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1953 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Y E A R		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	LITTLE TENNESSEE RIVER ABOVE FONTANA DAM (CONT'D)																															
199	OTTO	F-3	TVA	2300	19	5.46	5.51	7.05	5.42	3.80	6.42	3.90	4.30	#2.54	3.54	4.64	4.32	6.63	5.79	2.01	5.30	4.56	3.94	1.47	2.93	2.58	3.93	6.72	5.06	#51.36	56.46	7.9
200C	COWEETA NO. 8	F-3	USFS	3880	18	11.89	9.01	14.32	9.08	9.27	10.75	5.81	7.06	4.06	5.79	8.58	6.65	7.08	8.66	4.22	7.47	6.97	6.73	1.23	5.64	6.05	6.78	14.02	9.50	93.50	93.12	---
200	COWEETA NO. 1 (R)	F-3	USFS	2875	19	8.45	7.04	9.66	6.81	5.58	7.91	4.17	5.50	3.38	4.30	6.10	5.21	4.44	6.42	3.26	5.86	4.94	4.62	0.95	3.97	3.93	5.16	9.45	6.59	64.31	69.39	---
201A	HIGHLANDS	F-3	TVA	3800	12	14.77	9.03	11.72	7.61	9.02	10.46	3.56	6.05	4.22	5.90	8.09	6.77	7.67	8.89	6.02	6.78	5.94	7.39	1.31	5.12	4.92	6.88	11.88	8.14	89.12	89.02	12.0
201	HIGHLANDS, NEAR	F-3	USWB	3350	65	10.64	6.90	10.40	6.70	6.63	8.40	4.53	6.40	3.47	6.00	9.25	7.40	10.28	8.70	4.22	7.50	6.11	6.80	1.26	6.30	3.91	5.00	11.32	8.80	82.02	84.90	10.6
204	CLAYTON	F-4	USWB	2000	59	9.08	6.13	9.00	6.40	6.27	6.90	6.02	5.75	3.45	4.75	5.53	5.29	6.21	6.96	0.93	6.49	5.49	4.95	3.51	4.34	4.72	4.22	10.33	7.10	70.54	69.28	3.5
	FRENCH BROAD RIVER																															
642	SEVIERVILLE	F-3	TVA	900	35	4.81	4.45	6.26	4.10	4.06	4.82	2.83	3.70	5.83	4.33	5.90	4.64	3.19	4.65	0.36	4.04	1.91	3.04	0.63	2.59	1.62	3.06	3.14	4.39	40.54	47.81	5.7
496	PIGEON FORGE	F-3	TVA	1012	13	3.41	4.48	5.60	4.10	2.63	4.70	3.59	3.10	5.13	3.45	2.68	4.24	2.60	5.20	1.91	4.07	1.36	2.95	0.75	2.33	1.05	3.05	3.02	3.70	33.73	45.37	7.3
209	GATLINBURG, NEAR	F-3	USWB	1460	28	4.90	4.81	6.84	4.68	3.25	5.54	4.74	4.10	5.92	4.89	6.87	4.87	5.22	5.91	3.15	5.74	1.96	3.03	1.30	3.24	1.95	2.99	3.20	4.54	49.30	54.34	---
210	MT. LE CONTE	F-3	TVA	6350	--	----	----	----	----	----	----	----	----	7.96	6.04	8.23	6.84	8.29	10.18	4.65	8.00	5.82	5.04	----	----	----	----	----	----	-----	-----	---
593	DOUGLAS DAM	F-3	TVA	928	12	4.11	4.58	6.29	4.80	3.62	4.30	3.07	2.79	5.70	3.44	6.23	3.21	2.83	4.26	0.76	3.04	1.75	2.60	0.46	2.05	1.58	3.38	3.10	3.85	39.50	42.30	4.2
211	DANDRIDGE	F-2	TVA	1040	49	4.18	4.25	5.92	4.36	3.81	4.58	3.03	3.49	4.64	3.88	4.40	3.39	1.90	4.91	1.84	3.98	1.61	2.82	0.37	2.40	1.38	2.84	2.70	4.00	35.78	44.90	3.5
212	WHITE PINE	F-2	TVA	1165	19	#4.22	3.89	5.28	3.91	4.87	4.22	3.83	3.00	6.95	3.13	4.98	3.51	2.81	4.69	3.10	3.81	2.29	2.61	0.41	2.11	1.48	2.86	3.04	3.10	#43.26	40.84	5.0
213	BULLS GAP	F-2	TVA	1060	19	3.61	4.45	5.13	4.16	4.29	4.84	2.63	3.19	6.33	3.30	7.30	3.97	1.77	5.07	0.95	3.72	3.77	2.68	0.20	2.20	1.30	3.29	2.80	3.60	40.08	44.47	5.4
214	LICK CREEK (R)	G-2	TVA	1180	18	3.25	3.82	4.78	3.46	#4.31	3.70	#2.59	2.41	#7.67	3.15	3.21	2.87	2.54	4.59	0.34	3.31	2.25	2.26	0.25	2.03	1.16	2.45	2.59	2.93	#34.94	36.98	---
215	JEAROLDSTOWN	G-2	TVA	1400	19	3.37	4.39	5.37	4.07	5.20	4.64	2.73	3.18	8.95	3.52	3.98	3.78	3.62	5.11	0.79	4.16	1.84	2.59	0.39	2.42	1.31	2.99	2.89	3.42	40.44	44.27	2.5
216	LITTLE CHUCKY	G-2	TVA	1340	19	2.86	4.02	5.60	4.02	4.30	4.44	2.71	3.32	6.33	3.26	2.92	3.95	3.37	4.86	1.40	3.75	1.05	2.87	0.42	2.37	0.91	2.84	2.48	3.00	34.35	42.70	4.0
661	NOLICHUCKY DAM	G-2	TVA	1220	9	3.44	4.70	5.13	3.66	3.56	4.00	2.28	2.51	4.99	4.43	3.95	4.49	3.30	4.59	1.47	3.72	1.17	2.73	0.60	2.04	1.07	3.21	2.72	2.85	33.68	42.93	---
475	GREENEVILLE, NEAR (R)	G-2	UT	1380	13	3.34	3.43	#5.01	3.39	3.60	3.87	2.72	2.48	4.33	3.36	4.38	3.91	3.07	4.48	0.98	3.10	1.90	3.23	0.33	1.97	1.16	2.68	2.72	2.89	#33.54	38.79	---
217	GREENEVILLE, NEAR	G-2	USWB	1320	21	2.70	3.94	6.25	3.68	3.68	4.26	3.12	3.14	3.71	3.32	4.15	3.38	2.74	5.17	0.77	3.90	1.80	2.78	0.24	2.40	1.24	2.43	#2.69	3.32	#33.09	41.72	3.0
518	TUSCULUM COLLEGE	O-2	PRIVATE	1460	13	3.34	4.04	5.41	3.92	4.86	4.30	3.41	2.63	4.49	3.52	3.16	4.19	3.39	5.05	1.02	3.49	1.14	3.12	0.38	2.49	1.55	2.94	DISC. 11-30-53		-----	-----	---
218	CAMP CREEK BALD (R)	G-2	TVA	4560	19	6.56	5.46	7.20	4.95	5.14	5.82	4.38	4.06	5.21	4.56	4.01	5.52	6.02	7.63	2.28	5.10	2.08	3.90	1.85	3.37	1.92	3.71	6.17	4.67	52.82	58.75	---
219	LIMESTONE	G-2	TVA	1420	19	2.82	3.79	5.19	3.46	4.68	4.12	2.61	2.99	6.57	3.38	2.29	3.75	5.12	5.48	1.17	3.59	2.26	2.75	0.46	2.08	1.08	2.57	2.84	2.78	37.09	40.74	3.5
730	CENTERSVILLE	G-2	TVA	1650	1	ESTABLISHED MARCH 31, 1953						3.31		8.15		3.39		3.39		1.41		1.69		0.48		1.45		3.81		-----		---
220	EMBREEVILLE	G-2	TVA	1590	28	3.56	3.37	5.41	3.68	3.86	4.36	2.10	3.25	7.28	4.28	2.26	4.06	7.17	6.05	3.18	4.19	2.64	2.96	0.71	2.91	1.01	2.50	3.33	3.14	42.51	44.75	7.8
221	ERWIN	G-2	TVA	1750	26	3.86	3.39	5.27	3.81	3.56	4.77	2.59	3.32	6.24	4.48	2.19	4.41	8.69	6.21	2.25	4.48	3.79	3.25	0.81	2.87	0.84	2.55	3.09	3.27	43.18	46.81	11.3
643	LIMESTONE COVE	G-2	TVA	2365	9	4.71	5.04	6.09	3.71	3.03	4.44	2.61	4.01	4.53	4.00	3.67	4.91	6.66	5.84	2.78	4.48	2.97	3.42	0.97	2.30	0.99	3.98	2.58	3.67	41.59	49.80	12.0
659	POPLAR	G-2	TVA	2000	8	4.61	4.22	5.17	3.54	4.08	4.52	2.78	3.42	3.70	4.20	4.08	4.73	3.36	5.06	2.39	4.05	4.42	3.34	1.11	2.34	1.05	3.58	3.45	3.35	40.20	46.35	15.4
223	FLAT TOP MOUNTAIN	G-2	TVA	2880	19	5.09	4.76	5.71	4.35	4.34	5.00	4.16	3.69	4.33	3.82	5.25	4.95	4.03	6.63	4.61	5.05	3.68	3.46	1.16	2.72	1.27	3.45	4.06	3.72	47.69	51.60	22.5
224	BEAUTY SPOT (R)	G-2	TVA	4210	19	4.88	4.39	5.94	3.81	3.72	4.53	2.86	3.56	3.97	3.74	3.27	4.43	6.96	6.33	1.48	4.36	4.20	3.56	0.90	2.63	1.36	3.29	3.70	3.49	43.24	48.12	---
226	CANE RIVER	G-3	TVA	2500	19	3.20	3.88	5.49	3.76	2.65	4.37	2.03	3.06	3.52	3.24	3.70	3.50	2.25	4.60	4.37	3.95	3.56	3.03	1.15	2.41	0.57	2.73	3.85	2.75	36.34	41.28	13.9
227	MCKINNEY GAP	G-3	TVA	3960	19	8.07	6.43	9.20	5.88	7.48	6.77	3.41	4.58	5.90	4.74	4.56	4.77	3.15	6.46	4.96	4.75	4.21	3.71	1.30	3.09	1.75	4.02	7.09	4.65	61.08	59.85	34.2
228	COXCOMBE MOUNTAIN (R)	G-3	TVA	4250	19	4.64	3.76	5.19	3.61	2.33	4.43	2.09	3.20	2.87	3.68	2.39	4.00	5.32	5.26	2.25	4.47	5.65	3.20	1.65	2.88	1.27	2.62	2.85	3.04	38.50	44.15	---
733	CLINGMANS PEAK	G-3	USWB	6525	-											ESTABLISHED OCTOBER 1, 1953								1.02		3.93		8.35		-----		---
229	DAYBOOK	G-3	TVA	2350	19	#4.15	3.93	5.26	3.48	3.10	4.23	2.19	3.03	2.30	3.26	1.61	3.52	#2.72	4.65	2.30	4.09	3.31	3.28	0.52	2.27	0.65	2.62	3.32	2.70	#31.43	41.06	---
231	ROAN HIGH KNOB (R)	G-2	TVA	6100	19	5.67	4.60	6.31	4.01	4.39	4.70	2.38	3.88	4.51	4.55	3.14	5.09	6.83	6.84	2.23	4.80	2.72	3.94	0.69	3.17	1.88	3.56	5.52	3.35	46.27	52.49	---
402	BAKERSVILLE	G-2	TVA	2475	15	3.90	3.05	4.17	3.46	3.45	3.86	1.77	2.89	3.63	3.56	3.54	4.01	2.21	4.59	1.94	4.40	3.78	2.92	0.73	2.24	0.71	2.38	2.99	2.99	32.82	40.35	8.5
232	CELO	G-3	TVA	2820	19	5.37	4.57	5.48	3.89	5.31	5.42	2.13	3.61	2.33	3.53	4.56	3.63	2.48	5.38	3.13	5.71	2.66	4.01	0.37	3.20	0.98	3.11	#3.44	3.74	#38.24	49.80	7.4
622	CELO, NEAR	G-3	USWB	2700	11	6.37	4.65	6.86	4.82	6.56	6.65	#2.13	3.64	2.25	3.84	4.72	4.47	2.05	4.74	3.13	4.60	5.84	4.81	0.62	3.03	1.37	3.64	4.83	4.64	#46.73	53.53	7.0
233	MT. MITCHELL	G-3	USWB	6620	29	8.31	4.26	8.53	4.91	8.48	6.71	3.61	6.10	3.96	5.41	5.44	6.69	5.34	7.91	2.85	9.04	10.25	6.64	DISCONTINUED SEPTEMBER 30, 1953						-----	-----	---
233A	MT. MITCHELL (R)	G-3	TVA	6620	10	9.70	4.71	9.85	5.67	9.55	6.81	4.10	4.85	3.64	4.69	5.17	6.48	5.11	6.35	2.65	6.69	10.01	8.08	1.32	6.04	4.16	4.93	7.37	5.29	72.63	70.59	---
234	SNOW CREEK	G-3	TVA	2600	19	4.87	3.63	4.20	3.35	3.87	4.38	1.47	3.14	2.00	3.06	3.17	3.94	2.80	5.21	2.31	4.42	4.17	3.35	0.68	2.41	1.50	2.78	#3.61	3.15	#34.65	42.82	9.2
623	SPRUCE PINE	G-3	TVA	2620	11	5.14	3.78	5.65	3.62	7.51	5.42	1.59	3.11	2.21	3.23	3.47	3.71	3.16	4.09	2.67	4.69	3.17	4.29	0.42	2.98	2.73	3.67	3.60	3.33	41.32	45.92	7.0
235	LITTLE SWITZERLAND (R)	G-3	TVA	3550	19	6.19	5.09	6.19	3.86	8.39	5.76	2.55	3.95	2.46	3.78	3.12	4.18	2.47	6.47	1.94	7.02	3.92	4.75	0.59	3.83	3.08	4.34	4.54	4.48	45.44	57.51	---
729	GILLESPIE GAP	G-3	USWB	2825	1	4.93		6.02		7.85		2.46		2.16		3.61		3.05		2.21		3.60		0.98		3.86		4.96		45.69		11.0
236	ALTAPASS	G-3	TVA	2600	40	3.86	3.77	5.56	3.27	6.99	4.92	3.06	3.83	2.60	3.94	3.25	3.65	3.88	6.11	2.32	4.68	3.05	3.80	0.82	3.51	3.96	3.22	4.24	3.97	43.59	48.67	6.7
237	PLUMTREE	G-2	TVA	2900	19	5.41	4.42	5.45	4.06	4.95	4.61	1.87	3.75	3.30	3.72	5.16	4.17	4.42	5.50	3.94	5.07	4.13	3.59	0.44	3.05	2.38	3.51	3.67	3.49	45.12	48.94	8.5
238	SMOKY GAP	H-2	TVA	3675	19	5.55	4.10	5.27	3.65	5.01	4.22	#2.30	3.47	#3.81	4.20	6.55	4.84	#6.47	5.55	3.07	5.20	6.67	3.55	1.70	2.75	2.94	3.47	4.56	3.06	#53.90	48.06	22.3
378	CROSSNORE	H-2	USWB	3430	40	6.40	3.85	6.01	4.03	6.71	5.28	4.44	4.29	2.25	4.68	7.10	5.72	3.44	7.00	4.35	5.75	5.12	4.74	0.85	4.95	2.63	3.37	4.14	5.14	53.44	58.80	18.1
241	NEWPORT	F-3	USWB	1080	63	4.30	4.07	5.68	4.24	3.53	4.47	3.41	3.50	4.86	4.02	5.77	3.96	4.55	5.23	1.79	4.06	1.26	2.77	0.68	2.56	1.20	2.57	2.42	3.66	39.45	45.11	5.6
241A	NEWPORT	F-3	TVA	1050	11	4.02	4.12	5.62	4.44	3.41	4.33	3.08	3.04	5.02	3.45	5.39	3.83	3.62	4.54	1.43	3.31	1.15	2.82	0.70	2.02	1.27	3.06	2.24	3.40	36.95	42.36	5.0
538	COSBY NO. 4	F-3	USDI	1720	13	4.42	5.02	7.62	4.50	3.63	5.58	4.50	3.85	5.31	4.27	4.31	4.83	6.64	6.68	2.36	4.28	1.06	2.73	1.73	2.74	1.66	3.61	2.90	4.40	46.14	52.49	9.5
243	HARTFORD	F-3	TVA	1260	19	4.40	4.17	5.87	3.98	3.54	4.60	3.46	3.48	4.98	3.91	4.47	4.66	5.33	6.31	2.43	4.76	1.38	2.52	2.33	2.38	1.07	2.76	3.49	3.58	42.75	47.11	4.1
244	WATERVILLE POWERHOUSE	F-3	USWB	1410	23	4.37	3.47	5.62	3.68	3.46	4.35	3.66	4.27	2.83	4.48	2.92	5.54	4.72	5.29	2.96	5.00	1.05	3.92	1.42	3.09	1.01	2.13	2.17	3.86	36.19	49.08	4.5
245	MT. STERLING	F-3	TVA	2950	19	5.19	5.01	6.69	4.48	3.70	5.32	3.05	3.44	4.86	4.04	3.99	4.51	6.20	6.91	2.26	4.85	2.60	3.19	0.98	2.52	1.16	3.30	3.66	3.75	44.34	51.32	21.2
656	CATALOOCHEE	F-3	USDI	2620	9	4.85	5.77	5.99	3.90	4.47	5.60	3.06	3.17	5.29	3.48	3.41	4.32	5.17	5.99	2.30	4.40	2.35	3.07	0.88	2.24	1.24	3.96	4.40	4.36	43.41	50.26	11.0
407	CATALOOCHEE RANCH	F-3	TVA	4800	15	#5.94	6.56	7.98	6.06	5.16	7.22	3.04	4.02	4.78	4.33	5.64	5.22	3.33	7.31	2.69	5.08	2.68	3.58	0.88	3.10	2.17	4.28	5.83	5.05	#50.12	61.81	48.0
247	WAYNESVILLE	G-3	USWB	2675	60	4.80	3.75	4.77	4.04	3.33	5.05	3.88	3.68	2.59	3.98	2.84	4.12	3.12	4.60	1.01	4.21	2.45	3.00	0.57	3.04	0.99	2.25	4.66	4.61	35.01	46.33	7.6
248	EAGLENEST MOUNTAIN	F-3	TVA	3280	19	6.45	6.72	7.32	5.97	4.34	6.72	5.20	4.22	4.95	3.75	5.51	4.41	2.80	6.28	1.90	4.28	2.80	3.19	0.55	2.63	1.95	3.89	6.63	5.09	50.40	57.15	8.0
250	CHAMBERS MOUNTAIN (R)	G-3	TVA	4300	19	3.70	3.26	3.86	2.77	3.08	3.74	2.00	2.56	2.75	2.34	2.06	3.06	1.77	5.27	2.04	4.21	2.13	2.53	1.04	2.31	0.76	2.29	2.83	2.52	28.02	36.86	---

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1953 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	FRENCH BROAD RIVER (CONT'D)																															
251	CANTON	G-3	CP&LCo.	2600	23	3.90	2.75	4.56	3.27	2.29	4.00	2.85	3.62	2.47	3.44	1.67	3.55	2.95	3.92	2.31	4.18	3.38	3.39	0.44	2.76	0.64	1.80	3.18	3.36	30.64	40.04	7.5
253	DIX CREEK	G-3	TVA	3060	19	5.52	5.12	4.34	4.24	3.91	5.55	2.13	3.61	3.23	3.29	5.02	4.09	2.83	5.09	1.33	5.05	2.96	3.82	0.36	2.80	0.95	3.56	3.55	3.94	36.13	50.16	4.0
254	MT. PISGAH (R)	G-3	TVA	5160	19	7.39	5.11	6.03	4.31	6.21	5.79	2.73	4.37	3.26	4.17	3.71	5.11	4.64	6.71	2.64	7.06	4.64	5.37	0.80	4.72	2.99	4.32	4.45	4.82	49.49	61.86	---
629	BIG EAST FORK PIGEON	G-3	TVA	3410	11	11.49	7.34	8.97	6.80	9.54	9.78	3.25	6.05	#2.31	4.88	2.53	5.95	4.23	7.04	2.82	5.43	4.66	7.34	0.96	5.16	4.27	7.02	6.59	6.59	#61.62	79.38	9.8
255	WOLF CREEK	G-3	TVA	1200	19	4.35	3.72	4.68	3.56	3.68	4.37	2.85	2.93	4.61	3.53	4.46	4.10	5.44	5.82	1.98	3.86	1.05	3.13	1.00	2.21	0.98	2.49	2.76	2.64	37.84	42.58	10.3
256	HOT SPRINGS	G-3	USWB	1335	48	4.45	3.00	5.41	2.80	3.69	4.50	3.67	3.70	4.36	3.60	3.02	4.20	4.88	5.10	2.65	5.10	1.41	2.90	1.11	2.80	0.91	1.90	2.60	4.50	38.16	44.10	9.5
256A	HOT SPRINGS AIRWAYS	G-3	USWB	1380	13	4.31	3.00	5.13	2.80	4.03	4.50	4.01	3.70	3.95	3.60	2.92	4.20	4.05	5.10	#2.56	5.10	1.29	2.90	0.92	2.80	0.81	1.90	2.49	4.50	#36.47	44.10	12.5
257	MAX PATCH MOUNTAIN (R)	G-3	TVA	4285	19	5.55	4.47	6.18	4.44	3.76	4.97	4.36	4.47	4.81	4.29	4.52	5.30	5.83	6.89	2.81	5.63	1.03	3.61	2.84	3.00	1.19	3.17	3.06	3.28	45.94	53.52	---
719	MAPLE SPRING GAP	G-3	TVA	4050	2	3.63		3.97		3.62		2.93		4.12		4.64		4.32		1.03		1.76		1.42		#1.33		3.79		#36.56		28.7
261	DOGGETT GAP	G-3	TVA	3490	19	4.34	4.24	5.45	3.81	4.03	4.95	3.14	3.39	3.84	3.40	3.80	4.65	3.13	6.09	3.01	5.58	3.15	3.24	0.83	2.77	1.20	2.96	2.88	3.25	38.80	48.33	16.3
259	CODY STORE	G-3	TVA	2450	19	4.88	3.92	4.55	3.47	3.85	4.51	1.62	3.19	#4.05	3.57	#5.25	4.57	4.99	5.82	3.81	4.38	2.86	3.09	1.50	2.35	1.13	2.68	#3.42	2.95	#41.91	44.50	23.5
672	SAMS GAP	G-3	TVA	3690	6	----	----	6.59	4.61	5.06	5.42	3.38	4.04	4.39	4.67	4.49	5.92	3.70	5.38	1.81	3.90	1.73	3.54	0.68	2.17	DISCONT'D OCTOBER 31, 1953				-----	-----	---
672	SAMS GAP, RADIO	G-3	TVA	-	-							PUBLICATION RESUMED DECEMBER 1, 1953																3.9		-----		---
262	MARSHALL	G-3	USWB	1950	55	3.99	2.56	4.93	2.71	3.43	3.94	2.00	3.44	3.99	3.11	3.05	4.25	3.65	4.32	1.68	4.29	2.41	3.03	0.95	2.63	1.00	1.90	2.54	3.11	33.62	39.29	6.0
263	IVY	G-3	TVA	2150	19	3.51	3.50	7.77	3.43	2.77	4.06	2.36	2.92	2.92	3.18	1.71	3.99	2.85	4.12	0.59	3.73	3.05	2.45	1.37	2.12	0.72	2.31	2.75	2.53	32.37	38.34	4.9
264	BARNARDSVILLE	G-3	TVA	2250	19	4.40	3.51	4.98	3.35	1.98	4.11	1.42	2.73	3.26	2.94	2.64	4.26	3.40	4.81	1.84	4.07	3.29	2.59	0.49	2.36	1.07	2.58	2.88	2.59	31.65	39.90	6.4
666	WEAVERVILLE	G-3	TVA	2220	8	3.81	3.13	4.36	2.41	2.32	3.75	2.33	2.49	3.09	2.85	2.26	3.55	3.88	3.87	3.04	2.92	1.82	1.65	1.04	2.18	0.97	2.50	2.50	2.67	31.42	33.97	9.8
265	LEICESTER	G-3	TVA	2170	19	3.96	3.27	4.15	2.90	3.12	3.88	1.44	2.78	4.19	2.95	1.93	3.82	2.26	5.14	2.32	4.60	3.18	2.46	0.71	2.12	1.36	2.46	2.68	2.66	31.30	39.04	7.7
267	ASHEVILLE (R)	G-3	USWB	2274	78	4.22	2.98	4.49	2.85	2.10	3.57	2.79	2.86	3.53	3.03	2.40	3.52	2.44	4.50	2.43	3.58	3.04	2.72	0.46	2.54	1.24	2.11	2.67	2.96	31.81	37.22	13.1
268A	BEETREE DAM	G-3	TVA	2540	6	5.55		5.61		3.28		1.89		3.93		3.40		1.07		3.42		5.97		0.91		2.26		3.48		40.77		3.2
268	BEETREE DAM (R)	G-3	TVA	2540	29	5.32	3.21	5.64	3.20	3.03	4.29	1.56	3.14	3.77	3.22	2.95	3.59	0.73	4.76	3.20	5.24	5.52	3.70	0.81	2.99	2.05	2.61	3.26	3.46	37.84	43.41	---
269A	CRAGGY KNOB (R)	G-3	TVA	4970	3	6.45		6.52		4.13		2.58		4.25		3.77		1.18		5.44		7.00		1.16		2.87		4.79		50.14		---
270	SWANNANOA, NEAR	G-3	USWB	2250	23	5.56	3.60	5.46	3.24	#3.42	4.23	1.51	2.93	1.86	2.78	4.72	3.28	1.17	4.64	2.66	5.23	#4.63	3.31	0.80	3.15	2.01	2.57	4.13	3.48	#37.93	42.44	2.5
271A	NORTH FORK NO. 2	G-3	USWB	2520	11	5.72	4.25	6.05	4.02	3.98	5.55	2.17	3.43	3.13	3.87	4.67	4.78	1.72	5.41	4.08	5.41	5.84	4.92	1.00	3.05	1.93	3.16	4.48	3.73	44.77	51.58	9.9
271	NORTH FORK (R)	G-3	TVA	2765	28	6.95	4.38	6.86	4.44	4.37	5.52	2.20	4.15	3.32	4.01	4.08	4.68	1.85	6.04	4.31	6.57	6.56	4.71	0.97	4.03	1.97	3.64	5.24	4.52	48.68	56.69	---
700	BLACK MOUNTAIN	G-3	USWB	2400	4	5.70		5.06		3.89		1.95		2.37		4.60		1.21		3.60		4.98		1.14		2.00		3.88		40.38		4.0
274	ENKA	G-3	USWB	2075	23	4.53	3.28	4.74	2.96	3.33	3.45	1.22	3.04	4.49	2.77	3.53	3.41	2.37	4.92	2.78	3.83	4.46	2.49	0.49	2.48	1.47	1.99	2.79	2.98	36.20	37.60	2.5
266	ROCKYFACE MOUNTAIN	G-3	TVA	3100	19	4.35	3.54	4.18	3.20	3.50	4.17	1.17	2.84	4.32	2.96	1.92	3.66	2.31	4.56	1.37	4.55	2.39	2.99	0.97	2.32	0.84	2.43	#2.76	2.82	#30.06	40.04	8.5
275	BENT CREEK	G-3	USFS	2100	20	5.36	3.98	5.74	3.40	3.76	4.66	3.23	3.38	2.67	2.82	2.99	4.04	3.17	5.26	1.90	4.28	3.32	2.81	0.69	2.78	1.97	2.86	4.11	3.38	38.91	43.65	---
276	A & H AIRPORT	G-3	USWB	2094	19	5.25	4.27	5.52	3.72	2.68	4.95	2.25	3.32	1.72	3.35	4.90	3.74	2.21	5.79	3.31	4.97	3.93	3.16	0.39	2.90	1.97	2.98	5.52	3.62	39.65	46.77	8.3
277	GARREN CREEK	G-3	TVA	2620	18	8.63	5.02	7.44	4.46	6.93	6.04	2.44	4.17	2.02	3.64	7.22	5.62	2.12	6.19	2.20	6.96	5.85	5.21	0.25	4.39	2.52	4.06	4.37	4.50	51.99	60.26	4.5
714	EDNEYVILLE (R)	G-3	TVA	2240	3	5.55		5.78		3.66		1.56		2.36		4.06		3.69		2.57		4.85		0.15		1.40		4.44		40.07		---
278	BLUE RIDGE POST OFFICE (R)	G-3	TVA	2270	19	5.38	4.74	6.97	4.28	4.81	5.53	2.29	3.64	3.11	3.91	5.44	4.55	4.12	6.71	5.07	5.82	4.95	4.86	0.25	3.70	1.86	3.61	5.27	4.37	49.52	55.72	---
279	HENDERSONVILLE	G-3	USWB	2153	57	5.89	4.55	6.58	4.60	4.91	5.31	2.91	4.23	#2.07	4.86	6.55	5.54	5.38	6.07	4.66	6.08	4.86	4.75	0.35	4.52	1.94	3.03	6.38	5.88	#52.48	59.42	4.0
279A	HENDERSONVILLE	G-3	TVA	2195	6	5.92		7.08		5.64		1.40		3.62		6.12		4.86		5.18		4.82		0.42		2.24		5.84		53.14		4.5
280	RUSH MOUNTAIN	G-3	TVA	3000	19	7.06	6.65	8.87	5.67	8.83	7.62	#2.50	5.08	5.10	4.43	10.20	5.14	6.45	7.40	3.95	7.95	6.70	5.01	0.82	4.92	3.00	5.41	8.55	6.50	#72.03	71.78	7.0
282	PINK BEDS (R)	G-3	TVA	3300	18	9.23	6.68	8.66	6.02	7.78	7.64	3.02	5.47	3.12	4.47	4.46	5.50	6.39	6.57	3.52	7.09	5.14	5.28	0.59	4.74	3.88	5.21	7.96	6.91	63.75	71.58	---
281	MILLS RIVER (R)	G-3	N.C.	2090	19	4.78	5.01	5.38	4.21	3.45	5.04	1.92	3.60	2.61	3.81	3.50	4.23	1.47	6.20	3.48	5.36	5.33	3.88	0.18	3.24	2.30	3.48	5.01	4.11	39.41	52.17	---
283	CEDAR MOUNTAIN (R)	G-3	TVA	2750	18	9.62	7.22	11.00	6.47	10.20	8.37	3.64	5.67	5.33	5.23	11.56	6.38	4.27	8.23	2.83	8.74	8.97	5.63	1.03	5.14	4.65	6.15	9.69	7.25	82.79	80.48	---
284	CAESARS HEAD	G-3	USWB	3115	29	9.54	6.77	10.24	5.45	9.06	6.57	4.15	5.11	3.83	4.95	12.10	5.25	4.94	7.15	3.23	8.12	11.86	5.69	1.35	5.51	4.38	5.57	10.35	7.16	85.03	73.30	6.0
476	PISGAH FOREST	G-3	USWB	2150	14	6.81	5.30	8.34	4.97	5.70	7.28	2.00	4.04	4.47	4.69	5.68	5.30	3.89	6.55	4.98	7.00	6.31	4.77	0.79	3.28	3.38	4.68	7.82	5.62	60.17	63.48	6.0
662	GLOUCESTER GAP (R)	G-3	TVA	3050	8	9.24	7.25	10.29	5.76	7.63	9.04	2.95	4.71	4.15	4.82	8.47	7.02	7.13	7.92	4.34	7.62	6.72	6.42	0.69	5.30	3.87	6.55	7.81	6.77	73.29	79.18	---
285	BREVARD	G-3	USWB	2120	50	6.75	4.50	8.79	4.40	5.65	5.10	3.45	4.40	4.67	5.20	6.69	5.80	3.81	6.80	3.07	6.60	5.27	4.90	0.78	4.90	3.01	3.20	8.24	5.80	60.18	61.60	1.8
286	ROSMAN NO. 2	G-3	TVA	2220	19	9.92	7.23	11.67	6.38	7.26	7.69	2.63	5.42	6.76	5.08	9.20	5.57	8.45	8.63	3.22	7.74	8.50	5.25	0.97	4.54	4.21	5.60	10.70	6.82	83.49	75.95	6.0
640	SASSAFRAS MOUNTAIN	G-3	TVA	3500	12	9.95	6.71	10.26	6.23	9.20	9.32	2.10	4.93	7.90	5.37	9.20	6.44	7.60	8.85	7.50	7.13	6.80	6.58	1.40	5.03	3.85	6.52	10.00	7.24	85.76	80.35	11.0
663	QUEBEC (R)	G-3	TVA	2600	8	10.40	7.91	11.44	6.20	7.97	9.90	2.91	5.00	5.56	5.02	6.95	6.25	6.81	7.39	3.43	6.24	8.61	6.34	1.10	4.95	4.85	7.24	9.77	7.64	79.80	80.08	---
723	LAKE TOXAWAY	G-3	USWB	3020	2	10.92		12.56		9.21		2.22		7.62		10.76		7.16		4.12		11.89		0.68		6.03		11.06		94.23		7.5
	UNCLASSIFIED STATIONS																															
412	JACKSON SUBSTA.	A-3	TVA	359	15	4.49	6.23	6.96	5.08	7.72	5.80	6.75	4.82	8.40	4.24	4.51	4.71	4.41	3.90	0.17	4.02	0.37	3.37	0.93	2.52	2.33	5.27	3.55	4.83	50.59	54.79	T
413	MARTIN SUBSTA.	A-2	TVA	385	15	3.63	5.18	2.78	4.70	9.82	6.44	5.57	4.33	9.22	4.20	1.94	4.21	1.56	4.22	0.64	3.08	0.58	3.12	1.67	2.92	2.07	4.51	4.30	4.29	43.78	51.20	1.0
414	MEMPHIS SUBSTA.	-	TVA	295	15	2.78	5.94	5.20	4.74	8.76	5.53	7.05	4.36	11.31	4.12	0.35	3.54	4.90	3.17	0.37	2.47	0.28	2.44	2.01	3.00	#3.11	4.55	4.80	4.51	#50.92	48.37	T
415	TUPELO SUBSTA.	A-4	TVA	256	15	5.15	5.99	8.99	5.89	6.57	7.24	6.77	4.01	5.50	3.27	1.81	3.68	6.30	4.24	0.58	2.64	1.08	3.28	0.38	1.59	0.57	4.71	5.99	4.80	49.69	51.34	T
454	CARTHAGE SUBSTA.	D-2	TVA	500	14	8.32	5.98	5.61	4.84	4.95	5.24	4.23	3.66	5.30	4.21	3.24	4.74	6.69	4.37	1.22	3.70	1.73	2.78	0.38	2.11	0.68	4.46	3.05	4.53	45.40	50.62	1.1
455	LEBANON SUBSTA.	C-2	TVA	530	40	6.34	5.11	4.29	4.12	4.61	5.45	5.31	4.27	6.79	4.57	4.96	4.38	4.77	4.21	1.32	4.18	1.74	2.85	0.41	3.11	0.52	3.87	3.45	4.70	44.51	50.82	1.3
469	SOUTH NASHVILLE SUBSTA.	C-2	TVA	425	14	7.20	6.26	3.49	4.53	5.47	5.44	5.26	3.49	4.92	3.76	4.88	3.19	6.86	4.25	1.21	3.26	0.66	2.98	0.47	1.93	0.90	3.96	3.71	4.39	45.03	47.44	3.4
639	BOWLING GREEN SUBSTA.	C-1	TVA	470	10	4.57	6.25	2.89	4.93	7.15	5.69	4.73	3.43	5.95	3.84	3.09	3.47	3.06	4.09	1.15	2.95	0.26	3.47	1.16	1.87	1.90	3.91	3.16	4.45	39.07	48.35	2.2
683	RUSSELLVILLE SUBSTA.	C-2	TVA	576	6	5.03		#2.83		7.80		4.48		6.99		1.48		5.40		0.39		1.11		0.98		2.35		#4.13		#42.97		4.0
684	SUMMER SHADE SUBSTA.	D-2	TVA	-	6	5.72		2.87		5.29		4.02		5.62		2.62		4.89		1.02		1.06		0.52		0.55		3.05		37.23		5.5
731	GALLATIN STEAM PLANT (R)	C-2	TVA	530	1	ESTABLISHED APRIL 27, 1953						----		4.94		2.41		5.88		0.67		0.85		0.38		0.81		3.28		-----		---

(#) Interpolated or partly interpolated. (R) Recorder at present.

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1954

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1954

PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1954

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TENNESSEE VALLEY AUTHORITY
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ALBERT S. FRY, Chief of Branch

PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1954

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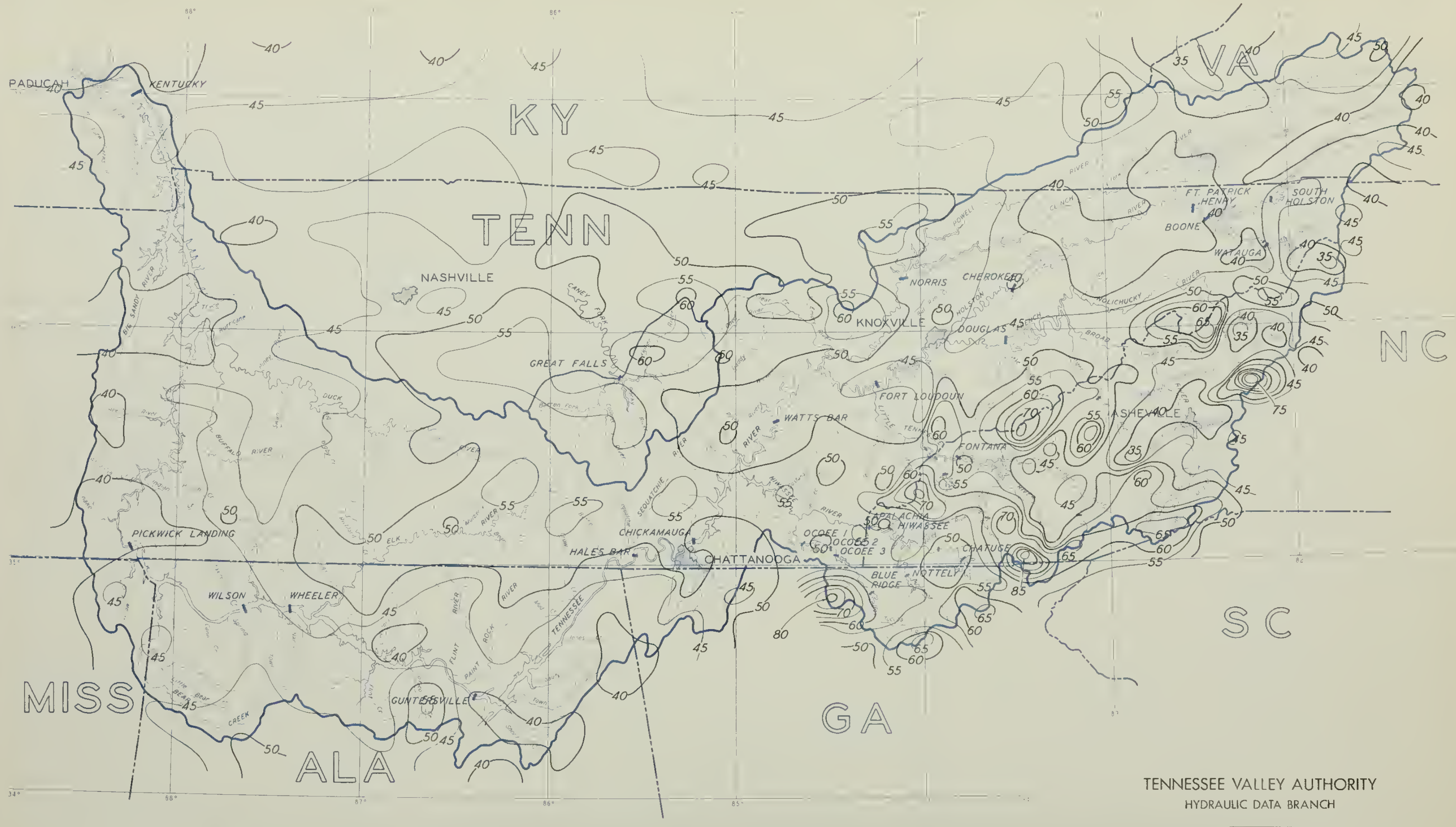

SYMBOLS:

—40— Rainfall in Inches

—·—·— State Lines

▬ Dams

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN

PRECIPITATION—YEAR 1954

SCALE 0 10 20 30 40 50 MILES

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PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1954

Precipitation over the Tennessee River Basin during 1954 was the thirteenth lowest amount recorded in the past 65 years. The average of 46.95 inches for the Basin was 4.43 inches less than the 60-year mean of 51.38 inches. In the area above Chattanooga, the 1954 average of 48.05 inches was 2.87 inches less than the mean of 50.92 inches. The average of 45.68 inches in the area below Chattanooga was 6.21 inches under the long-term mean of 51.89 inches.

Monthly precipitation in the Valley was above the 60-year mean only in January and December. The wettest month was January with 9.85 inches, and the driest was September with 1.59 inches.

The maximum station precipitation for the year was 89.89 inches at Coweeta No. 8, North Carolina, in the Little Tennessee River headwaters. The Coweeta station has a 19-year average through 1954 of 93.0 inches. It recorded more rainfall than any other station during 1954 in January, February, March, July, and December. Its annual totals exceeded any others within the Basin boundaries in the four years 1950 to 1953 as well as in 1954. Three other stations, Flat Top, Georgia, Haw Knob, Tennessee, and Clingmans Dome, North Carolina, registered over 75 inches during the year.

The minimum precipitation total in the Valley was 33.65 inches at Dix Creek, North Carolina, near the headwaters of Pigeon River above Canton, North Carolina. The rainfall at Dix Creek was 15.7 inches less than the 20-year mean and the lowest ever recorded at the station. Cedar Creek, Tennessee, located in the Watauga River watershed above Boone Dam, registered 33.67 inches. Annual totals of 35 inches or less were reported at three other stations.

The maximum station precipitation for one month was 17.12 inches at Coweeta No. 8 in January 1954. Totals in excess of 10 inches were reported by 251 stations in January.

In 1954 the minimum monthly station precipitation occurred in the southeastern mountain area, contrary to usual experience. In September, Mills River, North Carolina, recorded zero rainfall for the first time in 20 years of station record, and 37 other stations, mostly in the southeast, had one-half inch or less. The period June through September was unusually dry in this mountainous area. Gloucester Gap, North Carolina, for example, recorded only 7.1 inches of precipitation for the four months as compared to a nine-year average of 26.6 inches. Coweeta No. 8, with a four-month average for the last 19 years of 29.0 inches, recorded only 18.8 inches from June through September 1954.

The ten months period February through November 1954 was the longest period of below average precipitation and the driest such period in any calendar year in the 65 years of record in the Tennessee Valley. The total precipitation of 30.81 inches in these ten months was 11.09 inches below the 65-year mean and 0.73 inch less than the previous February to November record set in 1941. A new record for the ten months was also set in the area below Chattanooga.

The greatest precipitation recorded within 24 hours in 1954 was 8.87 inches on August 8-9 at Lewis Chapel, Tennessee. This station was near the center of an intense rain storm lasting about 9 hours that struck Sequatchie, Hamilton, and Bradley Counties. Precipitation totaling 6 to 10 inches fell on an area of 390 square miles. Floods causing damage estimated at $55,000 occurred on small streams in the storm area.

Among the watershed subdivisions, the maximum annual precipitation was 65.6 inches over the Nantahala River area above Nantahala, North Carolina. Although a maximum for the Valley, the 1954 rainfall on this watershed was 1.3 inches below the 11-year mean. During the year the area was the wettest in the Valley in January, March, and July. The minimum subdivision average precipitation was 39.6 inches on the Holston River area between Gate City, Kingsport, and Cherokee Dam. The 1954 rainfall on this area was 5.3 inches less than the mean for the past 12 years. Precipitation on all watershed subdivisions is shown on the map on page 7. The tabulation on page 6 lists precipitation and runoff for 16 selected watersheds in the Valley.

The distribution of annual precipitation over the Tennessee Valley in 1954 is shown on the frontispiece of this report. The map shows characteristic steep precipitation gradients in the southeastern part of the Valley, resulting from heavy orographic rainfall along the high ridges and a shielding effect in the Valleys north of the ridges. The greatest short distance drop in precipitation occurred in the 8 miles between Coweeta No. 8 and Otto, North Carolina. In 1954, Coweeta No 8 recorded 89.89 inches and Otto 48.61 inches, a decrease of 41.28 inches or 5.2 inches per mile. Much steeper gradients occurred among the rain gages within the Coweeta Hydrologic Laboratory area. Between Coweeta No. 8 and Coweeta No. 1, for example, the decrease in 1954 precipitation was 26.50 inches in a distance of about 2 miles, or 13 inches per mile.

Snowfall occurred in the Tennessee River Basin in January, February, March, October, November, and December. The average for the Basin was 8.2 inches, with an average of 13.9 inches above Chattanooga and 1.8 inches below Chattanooga. Clingmans Peak, North Carolina, in the Nolichucky River headwaters recorded a 1954 total of 99.4 inches, the maximum for the Basin. This station, at elevation 6525, registered 43.3 inches of snowfall in December alone. Cataloochee Ranch, North Carolina, located in the Pigeon River watershed at elevation 4800, reported a total depth of 64.0 inches for the year, and McKinney Gap, North Carolina, in the Nolichucky River area, had 61.1 inches. Nineteen other stations, all in the eastern part of the Basin, reported total snowfall of 30 to 55 inches for the year.

The wet, clinging snow of February 28 and March 1 caused damage to telephone and power services in the area from Knoxville northeastward to Bristol and Elizabethton. In the Knoxville area, 600 telephones were reported inoperative and 344 toll circuits were out. Kingsport had no outside telephone service for two days. About 3500 telephones were out of service in the Bristol area on March 1. Power service was disrupted on about 50 percent of the rural lines in the Bristol area and in Scott County, Virginia. The other snowfalls of the year caused hazardous highway conditions for brief periods but no serious damage.

Monthly Reports

Monthly issues of the bulletin "Precipitation in Tennessee River Basin" contain tabulations of daily precipitation at stations in or near the Basin, together with isohyetal maps of monthly precipitation, maps showing mean monthly precipitation on watershed subdivisions, descriptions of storms, tabulations of rainfall and runoff on selected watersheds, intense rainfall data, and other information.

Special Reports

Two reports on special storm investigations were published in monthly issues of this publication during 1954. These reports and the date of the issue in which they appear were as follows:

Subject	Monthly Bulletin Containing Report
Windstorm of April 28, 1954, near Savannah, Tennessee	April
Rainstorm of June 13, 1954, at Tri-City Airport, Tennessee, and vicinity	June

A report, "Floods of January 1954 in Tennessee River Basin" was published separately in July 1954.

TENNESSEE RIVER BASIN PRECIPITATION DURING 1954

Precipitation in Inches

	Above Chattanooga	Below Chattanooga	Tennessee River Basin			
					Deviation from Mean	
Month	1954	1954	1954	Mean	Monthly	Cumulative
January	9.74	9.97	9.85	4.75	+5.10	+5.10
February	2.54	3.88	3.17	4.69	-1.52	+3.58
March	5.80	2.73	4.37	5.53	-1.16	+2.42
April	3.48	4.89	4.14	4.43	-0.29	+2.13
May	3.64	3.86	3.74	4.14	-0.40	+1.73
June	2.85	2.65	2.76	4.29	-1.53	+0.20
July	3.62	2.47	3.08	4.98	-1.90	-1.70
August	3.54	2.05	2.84	4.33	-1.49	-3.19
September	1.45	1.73	1.59	3.15	-1.56	-4.75
October	2.07	2.22	2.14	2.93	-0.79	-5.54
November	3.37	2.58	2.98	3.43	-0.45	-5.99
December	5.95	6.65	6.29	4.73	+1.56	-4.43
Total	48.05	45.68	46.95	51.38		

Mean Precipitation figures are for the period 1890-1949.

ANNUAL STREAM FLOW IN INCHES - 1954

	Water Year		Calendar Year	
Tennessee River at	1954	Mean	1954	Mean
Knoxville	14.55	19.46	14.92	19.43
Chattanooga	17.30	23.70	18.14	23.68

MAXIMUM PRECIPITATION

FOR VARIOUS TIME INTERVALS DURING 1954

No.	Station Name	Date of Record	Duration hours	Precipitation inches
413	Martin Substation, Tenn.	June 16	0.4	1.22
179	Haw Knob, Tenn. (R)	June 14	0.5	2.00
605	Belleville, Tenn.	Sept. 30	0.8	2.35
154	Tray Mountain, Ga. (R)	June 1	1.0	3.58
447	Mt. Pleasant Substation, Tenn.	June 16	1.8	4.26
438	Cagle, Tenn. (R)	Aug. 8	2.0	4.29
438	Cagle, Tenn. (R)	Aug. 8	6.0	5.52
393	Lewis Chapel, Tenn.	Aug. 8-9	9.0	8.87
393	Lewis Chapel, Tenn.	Aug. 8-9	24	8.87
197	Wayah Bald, N. C. (R)	Jan. 16-22	168	11.51
200C	Coweeta No. 8, N. C.	January	744	17.12
200C	Coweeta No. 8, N. C.	Jan.-Feb.	1416	23.72
200C	Coweeta No. 8, N. C.	Jan.-Mar.	2160	35.22
200C	Coweeta No. 8, N. C.	Jan.-June	4344	52.28
200C	Coweeta No. 8, N. C.	1954	8760	89.89

(R) Recording Gage.

RAINFALL AND RUNOFF FOR SELECTED WATERSHEDS
For the Period January 1, 1954, to December 31, 1954

Stream	Station	Drainage Area	January 1 - December 31, 1954				Runoff in Percent of Rainfall	Rainfall Minus Runoff
			Rain-fall	Depar-ture	Run-off	Depar-ture		
		sq. mi.	inches	inches	inches	inches		inches
Big Sandy River	Bruceton	205	41.2	-12.9	11.0	-7.2	26.7	30.2
Duck River	Hurricane Mills	2571	48.0	- 3.3	16.2	-2.6	33.8	31.8
Bear Creek	Bishop	667	45.5	- 8.4	13.2	-6.8	29.0	32.3
Elk River	Prospect	1784	51.6	- 2.4	16.9	-4.8	32.8	34.7
Paint Rock River	Woodville	320	50.3	- 5.7	22.5	-3.2	44.7	27.8
South Chickamauga Creek	Chickamauga	428	46.7	- 7.6	17.0	-4.3	36.4	29.7
Toccoa River	Dial	177	59.5	- 6.7	30.9	-3.5	51.9	28.6
Valley River	Tomotla	104	59.2	- 5.7	26.8	-3.3	45.3	32.4
Sewee Creek	Decatur	117	46.7	- 7.0	16.0	-7.1	34.3	30.7
Emory River	Oakdale	764	52.1	- 0.3	24.5	+0.7	47.0	27.6
Clinch River	Tazewell	1474	42.4	- 2.2	12.1	-7.6	28.5	30.3
Little Tennessee River	Needmore	436	56.9	- 3.5	26.4	-4.5	46.4	30.5
North Fork Holston River	Saltville	222	43.2	+ 2.9	12.6	-5.4	29.2	30.6
Little Pigeon River	Sevierville	353	54.9	+ 1.6	18.9	-2.2	34.4	36.0
Nolichucky River	Morristown	1679	45.7	+ 0.3	14.7	-3.2	32.2	31.0
French Broad River	Asheville	945	48.7	- 8.4	19.5	-7.4	40.0	29.2

Locations of watersheds are shown on the map "Average Precipitation on Watershed Subdivisions."
Runoff data are furnished by the U. S. Geological Survey and are tentative.

MEAN PRECIPITATION—INCHES

TENNESSEE RIVER BASIN

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1890	5.06	8.55	5.82	4.00	4.98	2.81	4.08	5.42	6.05	3.66	0.83	4.11	55.37
1891	5.71	9.11	9.13	2.94	1.88	5.46	5.05	3.87	1.50	0.73	4.74	4.44	54.56
1892	5.62	3.60	3.87	9.60	4.22	5.36	6.13	4.47	3.04	0.34	5.96	4.73	56.94
1893	2.10	7.07	2.79	5.69	7.59	4.78	3.24	2.79	4.28	2.13	2.21	2.98	47.65
1894	4.50	6.61	3.48	3.12	3.14	2.94	4.67	4.63	2.12	1.51	1.07	5.18	42.97
1895	6.77	1.79	5.64	3.93	3.98	3.44	6.28	4.26	2.07	1.90	2.46	4.00	46.52
1896	2.33	4.97	6.03	3.47	3.59	4.78	8.08	2.14	3.44	1.56	6.55	1.35	48.29
1897	3.23	5.51	11.23	5.59	3.18	3.40	5.51	3.05	0.50	1.99	2.70	5.74	51.63
1898	7.14	1.13	4.69	4.17	2.77	3.38	6.45	4.95	4.71	5.13	3.37	2.66	50.55
1899	4.98	7.19	9.97	3.52	3.20	3.20	4.74	3.04	1.78	2.42	2.36	5.29	51.69
1900	3.21	5.65	4.60	5.85	2.83	9.47	4.54	2.50	3.31	4.58	4.99	3.25	54.78
1901	4.68	1.90	5.22	5.48	4.97	4.16	2.58	11.86	4.28	1.46	1.50	8.24	56.33
1902	4.43	4.36	6.81	2.51	2.54	4.37	2.48	3.09	5.16	2.25	4.49	5.23	47.72
1903	3.09	9.04	6.75	5.00	4.32	5.12	4.16	3.50	0.85	2.21	3.59	2.92	50.55
1904	3.10	2.56	6.35	2.91	3.85	3.52	3.89	3.85	1.78	0.49	3.16	5.32	40.78
1905	3.83	5.39	3.70	3.56	5.67	5.71	4.98	5.34	2.27	4.78	1.44	5.62	52.49
1906	5.16	1.34	5.76	2.37	3.29	4.44	8.60	4.88	6.96	3.87	4.96	4.91	56.54
1907	2.08	3.82	4.41	4.38	5.70	4.67	4.46	3.56	5.80	1.89	5.28	4.42	50.47
1908	4.03	5.23	4.69	5.07	4.41	3.72	4.68	5.08	2.25	2.68	2.31	5.76	49.91
1909	3.25	7.37	6.33	5.29	6.34	7.35	5.18	2.92	3.79	2.79	1.41	3.97	55.99
1910	4.05	4.22	1.16	3.93	6.00	5.83	6.76	3.47	2.83	3.03	1.47	4.26	47.01
1911	4.65	4.20	3.63	8.55	1.95	3.54	5.10	4.68	2.87	4.15	4.19	7.74	55.25
1912	3.63	4.24	8.13	8.39	4.23	4.50	5.93	4.40	3.88	1.87	1.63	5.52	56.35
1913	8.45	4.95	7.45	2.56	4.66	3.06	3.45	2.91	4.05	2.84	1.46	3.33	49.17
1914	2.19	3.83	4.19	4.39	1.68	2.63	4.60	5.40	2.35	3.83	2.56	7.68	45.33
1915	5.34	3.86	2.87	1.25	5.01	3.87	4.61	6.22	3.99	3.78	5.27	6.91	52.98
1916	6.06	3.64	2.90	2.67	4.88	5.63	10.08	4.39	2.05	2.61	2.22	4.50	51.63
1917	6.43	4.24	11.19	3.81	3.16	4.67	6.83	3.87	3.55	2.57	0.99	1.70	53.01
1918	6.97	2.54	2.03	5.74	3.94	4.62	3.97	2.58	3.42	7.50	2.62	4.68	50.61
1919	5.45	3.55	6.77	3.28	5.88	4.76	3.41	5.35	1.01	7.05	4.69	4.02	55.22
1920	5.31	3.68	6.62	8.60	4.13	5.10	4.42	8.55	3.71	0.83	3.38	5.74	60.07
1921	3.60	5.58	3.93	5.14	2.85	3.38	5.68	5.67	4.01	2.35	5.33	2.82	50.34
1922	5.29	4.58	9.31	5.31	4.93	4.34	4.93	3.08	1.34	1.99	1.89	7.92	54.91
1923	5.57	4.67	6.71	5.06	6.84	4.16	4.50	5.68	2.59	1.64	3.46	5.65	56.53
1924	5.98	4.30	3.69	5.82	5.43	3.80	4.01	2.82	4.92	0.49	1.17	6.51	48.94
1925	4.56	3.54	2.48	2.98	2.09	2.90	3.21	1.57	2.14	7.54	4.61	2.16	39.78
1926	4.54	3.04	4.03	2.46	3.03	4.53	3.91	6.90	2.15	3.62	5.32	10.06	53.59
1927	3.04	4.60	6.39	5.86	4.56	5.20	4.04	4.05	1.73	2.67	4.57	6.78	53.49
1928	2.68	2.15	5.22	6.17	5.09	9.16	4.10	5.98	3.76	4.88	3.20	1.58	53.97
1929	4.90	5.16	8.48	4.90	7.75	5.04	4.49	1.94	6.23	3.95	6.91	3.10	62.85
1930	3.36	3.41	4.62	1.59	5.54	1.85	2.42	2.75	3.93	2.36	3.97	3.12	38.92
1931	2.11	3.68	3.75	4.11	3.29	1.85	5.49	4.45	1.55	1.82	2.84	9.22	44.16
1932	7.24	6.05	4.85	4.61	2.77	4.69	4.97	4.14	3.85	7.06	3.52	8.45	62.20
1933	3.09	6.34	5.02	4.02	6.88	1.92	5.61	4.53	2.76	1.42	1.95	4.05	47.59
1934	3.29	3.28	8.11	2.91	2.80	5.61	5.04	5.34	4.09	3.22	3.93	2.83	50.45
1935	4.81	4.01	7.47	4.93	4.67	4.01	3.73	3.58	1.62	3.28	5.42	2.07	49.60
1936	6.96	4.22	6.57	5.85	1.27	1.60	7.14	3.31	3.93	4.48	2.45	6.59	54.37
1937	12.01	4.21	2.29	4.71	4.30	3.56	4.43	5.43	2.69	6.00	1.68	3.51	54.82
1938	4.90	2.06	5.91	5.36	5.87	5.38	7.17	4.33	2.33	0.41	4.69	2.49	50.90
1939	5.70	10.03	4.94	4.43	3.46	5.49	4.44	3.61	1.57	1.00	1.36	3.10	49.13
1940	2.28	5.15	5.36	4.28	2.93	4.34	4.99	5.96	0.85	2.08	3.59	3.49	45.30
1941	2.84	1.08	3.41	3.35	0.89	3.43	8.23	4.03	1.18	3.11	2.83	3.48	37.86
1942	3.38	4.17	5.17	1.71	3.89	3.85	4.80	6.97	3.60	2.70	2.24	8.57	51.05
1943	2.64	3.12	6.21	3.65	3.55	3.47	5.01	2.76	4.87	1.57	2.07	3.06	41.98
1944	2.74	9.71	7.95	4.89	3.01	2.20	2.62	4.31	5.94	1.50	3.02	5.47	53.36
1945	3.91	7.47	4.26	5.31	5.03	4.35	4.52	3.69	3.57	3.07	5.83	5.42	56.43
1946	8.56	6.40	5.23	3.65	5.84	3.21	4.90	3.52	3.93	2.88	4.51	3.61	56.24
1947	9.65	2.02	3.69	3.80	4.31	4.41	3.32	3.92	2.15	2.77	4.71	2.52	47.27
1948	3.92	8.54	7.03	3.25	3.36	3.34	5.39	3.00	3.06	1.67	11.16	5.67	59.39
1949	8.54	3.96	5.37	4.23	3.91	6.08	6.70	5.22	2.72	5.99	1.71	4.39	58.82
1950	10.39	5.95	6.66	2.01	5.80	4.74	6.81	5.63	4.44	1.77	3.75	3.28	61.23
1951	5.30	5.51	7.38	4.76	1.69	5.94	4.44	2.06	4.58	2.23	6.13	8.51	58.53
1952	5.97	2.96	7.09	2.67	3.37	2.20	2.42	5.39	2.75	1.41	3.90	3.93	44.06
1953	5.51	6.59	5.02	4.89	5.16	3.21	4.89	1.45	3.01	0.65	1.40	5.06	46.84
1954	9.85	3.17	4.37	4.14	3.74	2.76	3.08	2.84	1.59	2.14	2.98	6.29	46.95
Mean	4.95	4.71	5.57	4.38	4.12	4.25	4.93	4.26	3.16	2.83	3.45	4.79	51.40
Median	4.68	4.24	5.23	4.23	3.98	4.34	4.68	4.05	3.04	2.42	3.20	4.44	51.63

——— Maximum — — — Minimum

MEAN PRECIPITATION—INCHES

TENNESSEE RIVER BASIN ABOVE CHATTANOOGA

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1890	3.96	8.37	5.47	4.35	5.57	2.90	5.34	5.42	5.57	4.41	0.44	4.33	56.13
1891	5.20	9.69	8.61	2.22	2.53	5.08	4.56	5.21	1.77	0.89	3.82	4.43	54.01
1892	7.04	2.87	3.65	7.34	3.80	6.36	4.92	3.83	2.30	0.41	5.89	3.09	51.50
1893	2.54	7.21	2.80	4.30	6.53	5.04	3.73	3.58	3.72	2.49	2.11	2.67	46.72
1894	3.68	5.97	2.52	2.69	3.81	3.51	4.31	4.20	1.85	2.11	1.01	5.68	41.34
1895	6.96	2.15	5.16	4.21	4.65	3.55	6.10	4.89	1.47	1.90	2.27	3.41	46.72
1896	1.99	4.50	5.54	2.92	3.35	5.32	9.53	2.42	3.71	1.64	6.30	1.06	48.28
1897	2.90	6.50	10.09	5.33	3.77	4.49	6.04	3.50	0.77	2.09	2.06	5.13	52.67
1898	6.17	0.96	4.80	4.02	2.96	3.56	6.81	6.57	5.71	6.13	3.23	2.46	53.38
1899	3.81	7.78	11.04	3.54	4.01	4.05	4.71	3.06	2.64	2.48	1.87	4.10	53.09
1900	3.12	6.13	5.25	4.05	2.09	7.36	4.45	2.75	3.81	3.36	5.02	3.60	50.99
1901	4.54	1.61	5.80	6.33	6.46	5.59	2.90	13.33	3.51	1.46	1.30	9.98	62.81
1902	3.74	5.21	6.02	2.03	2.61	5.75	2.73	2.67	5.14	2.21	3.80	4.13	46.04
1903	2.81	9.24	7.88	6.24	2.87	5.42	4.56	4.14	1.04	2.47	3.63	2.33	52.63
1904	2.89	3.35	6.06	2.70	3.60	3.73	3.72	4.60	1.41	0.17	3.42	4.68	40.33
1905	3.65	5.50	3.27	3.70	5.51	4.94	6.22	6.19	1.58	4.06	1.13	6.19	51.94
1906	5.90	1.30	5.15	2.76	3.33	5.81	8.99	5.78	6.48	3.75	4.36	4.57	58.18
1907	1.42	3.43	4.34	4.33	4.22	5.75	4.58	4.06	6.91	1.67	5.60	4.76	51.07
1908	4.23	4.52	4.48	4.79	3.76	3.24	5.79	5.86	2.00	4.36	1.96	6.31	51.30
1909	3.51	6.39	6.86	4.75	6.44	8.67	6.05	3.81	3.88	2.95	0.94	3.77	58.02
1910	3.93	3.88	1.37	3.59	6.59	5.79	6.51	4.75	3.26	2.15	1.43	4.44	47.69
1911	4.84	3.84	4.51	7.49	1.70	3.32	4.54	4.01	3.08	4.77	4.04	5.17	51.31
1912	3.36	4.01	7.63	7.35	4.32	4.78	5.59	3.73	4.11	1.80	1.90	4.77	53.35
1913	6.57	4.47	7.77	2.40	5.39	3.21	3.49	3.33	4.11	2.65	1.46	3.58	48.43
1914	2.31	3.77	4.25	4.44	1.42	3.14	5.37	5.15	1.99	4.67	2.91	8.16	47.58
1915	5.01	3.99	2.75	1.53	5.13	5.03	4.84	5.37	4.26	4.28	4.11	6.92	53.22
1916	4.97	4.35	2.79	2.45	4.27	5.47	11.07	4.97	2.48	3.02	2.38	3.70	51.92
1917	6.10	4.55	11.40	3.10	2.71	4.44	7.21	4.57	3.95	2.81	0.64	1.71	53.19
1918	6.90	2.66	2.67	5.24	4.15	5.26	4.29	3.18	3.39	8.37	2.31	5.07	53.49
1919	5.66	3.50	4.91	3.33	4.92	4.87	3.81	4.18	1.04	5.64	2.45	4.25	48.56
1920	4.44	3.75	6.61	7.13	2.85	5.46	4.50	9.80	4.34	0.90	3.76	6.06	59.60
1921	3.89	5.17	2.70	4.56	3.69	3.55	6.40	5.46	3.23	2.06	5.21	2.98	48.90
1922	5.45	4.52	8.16	4.96	4.48	4.62	5.53	3.31	1.48	2.48	1.34	7.50	53.83
1923	5.41	4.51	6.18	4.35	6.53	4.78	5.08	4.56	2.76	1.06	2.97	4.66	52.85
1924	5.96	4.02	3.81	5.82	4.88	3.55	5.22	2.85	6.56	0.88	1.28	6.66	51.49
1925	4.90	2.77	2.18	3.17	2.18	3.15	2.80	1.25	1.58	7.08	4.17	2.00	37.23
1926	4.83	3.55	4.09	2.82	2.82	4.18	4.66	6.09	2.61	3.06	5.11	8.75	52.57
1927	2.26	5.16	4.51	4.24	4.40	4.97	4.97	4.84	1.46	2.40	3.94	7.39	50.54
1928	2.46	2.02	5.33	5.40	5.55	7.95	4.71	6.65	5.75	4.41	2.56	1.53	54.32
1929	4.37	5.44	7.71	4.15	7.95	5.49	5.07	1.83	6.42	3.63	6.96	2.65	61.67
1930	2.42	2.69	4.22	1.93	4.73	2.42	2.69	3.17	4.30	2.05	3.67	3.03	37.32
1931	2.02	2.87	3.33	5.24	3.96	2.05	6.20	4.76	1.89	1.59	1.81	8.57	44.29
1932	5.83	5.72	5.01	3.83	3.43	5.17	3.96	3.74	2.96	6.52	3.89	8.93	58.99
1933	3.08	5.96	3.86	3.65	6.15	2.24	5.40	5.45	2.48	1.31	1.59	3.22	44.39
1934	3.38	3.51	8.19	3.41	3.04	5.09	5.41	6.55	3.30	3.79	3.82	2.53	52.02
1935	4.30	3.87	6.95	4.99	4.38	3.53	4.86	4.15	1.47	2.40	5.76	2.12	48.78
1936	8.74	4.70	6.57	6.04	1.30	1.73	6.29	4.47	4.56	4.36	1.74	6.52	57.02
1937	10.31	4.77	2.08	4.29	3.49	3.80	4.70	6.09	2.44	6.15	1.26	3.27	52.65
1938	4.25	2.28	5.56	5.24	6.37	5.25	8.02	4.15	2.88	0.33	4.62	2.58	51.53
1939	4.68	8.91	4.40	3.77	2.64	4.27	5.03	3.86	1.49	1.02	1.22	2.94	44.23
1940	2.17	4.44	4.61	4.05	2.88	4.83	5.18	7.85	0.90	2.14	2.56	3.15	44.76
1941	2.49	1.02	4.02	3.41	0.80	4.24	9.34	3.80	1.46	2.52	2.57	3.52	39.19
1942	3.42	3.86	5.29	0.95	5.39	4.47	6.70	7.47	4.09	2.53	2.24	8.85	55.26
1943	3.53	3.59	5.80	3.79	3.59	4.27	6.66	2.64	3.60	2.13	1.79	2.81	44.20
1944	2.63	9.38	7.41	4.21	3.00	2.42	2.84	3.81	6.77	2.04	3.27	4.20	51.98
1945	3.04	6.64	3.72	4.92	5.19	4.25	5.69	3.83	3.83	3.32	4.43	5.38	54.24
1946	7.71	5.39	4.87	4.00	6.02	3.27	4.67	3.52	3.23	3.39	3.13	3.60	52.80
1947	10.32	2.27	3.52	2.75	3.55	4.69	3.68	4.86	2.39	3.12	4.34	2.32	47.81
1948	3.75	6.80	6.18	3.06	3.21	3.99	5.53	4.27	2.61	1.68	10.30	5.73	57.11
1949	6.49	3.80	4.54	4.81	3.58	5.40	7.98	6.23	2.97	6.22	2.24	3.77	58.03
1950	7.75	5.01	6.21	1.72	6.65	5.22	6.61	4.67	4.25	2.30	2.63	3.72	56.74
1951	3.49	4.70	7.25	4.58	2.55	5.85	4.66	2.26	4.77	2.07	5.71	6.90	54.79
1952	5.56	2.48	6.99	2.73	3.56	2.88	2.82	5.32	2.61	0.81	4.29	3.96	44.01
1953	5.23	6.28	4.37	3.59	5.03	4.27	4.82	1.94	3.21	0.78	1.62	4.74	45.88
1954	9.74	2.54	5.80	3.48	3.64	2.85	3.62	3.54	1.45	2.07	3.37	5.95	48.05
Mean	4.62	4.56	5.34	4.07	4.09	4.49	5.31	4.59	3.22	2.86	3.15	4.57	50.87
Median	4.25	4.44	5.15	4.05	3.80	4.49	5.03	4.20	3.08	2.47	2.91	4.20	51.92

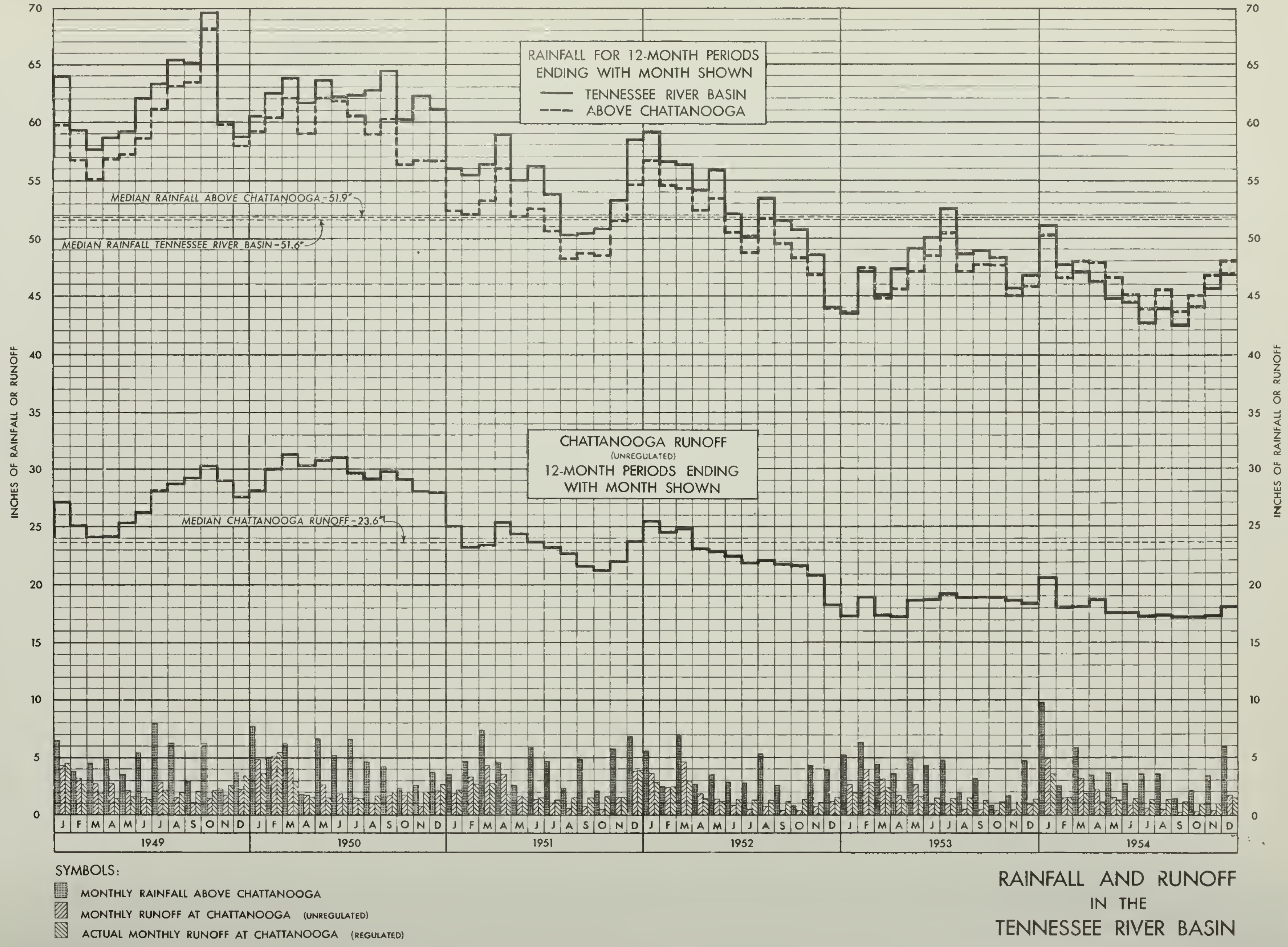
——Maximum – – –Minimum

MEAN PRECIPITATION—INCHES

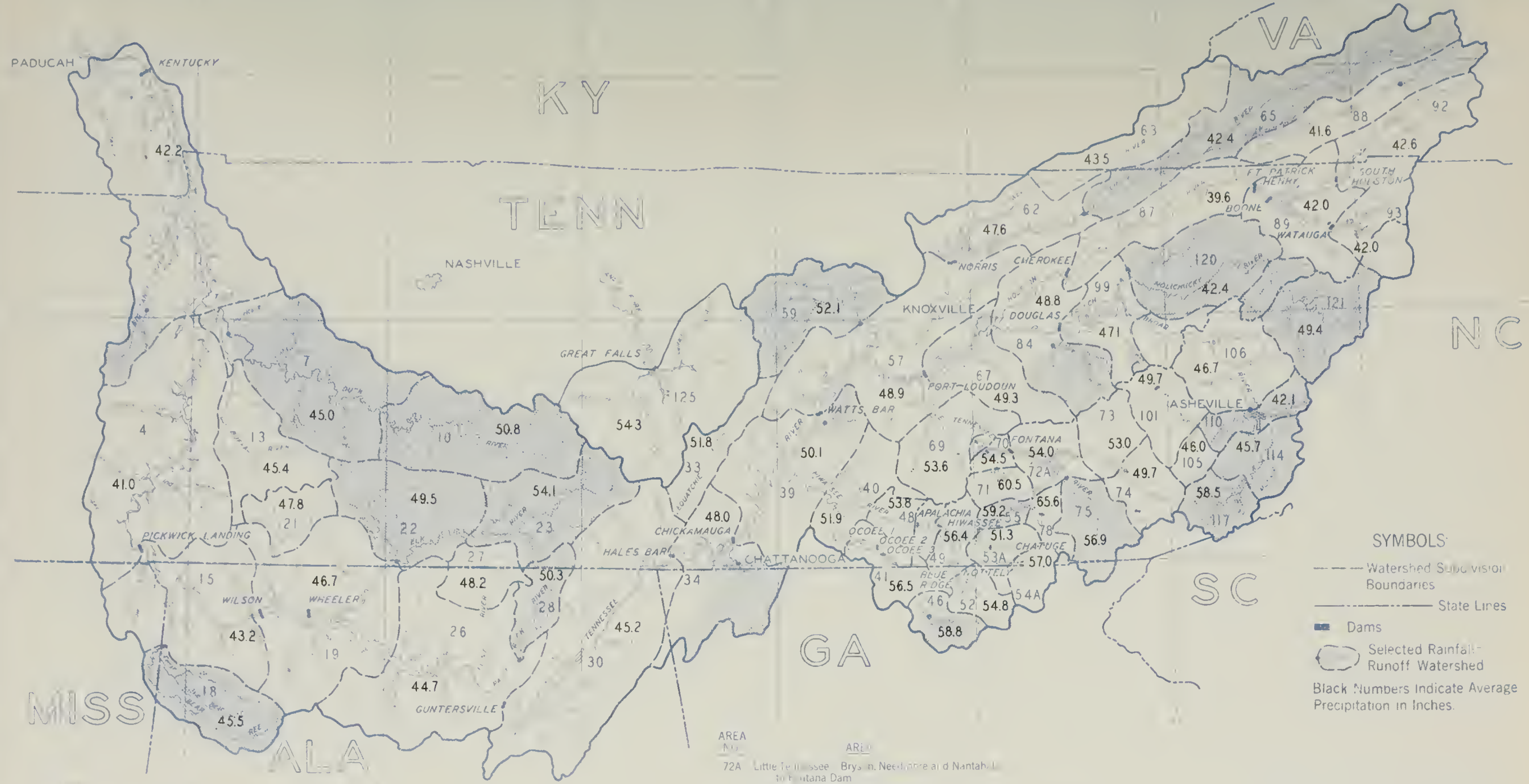
TENNESSEE RIVER BASIN BELOW CHATTANOOGA

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1890	6.31	8.76	6.22	3.60	4.30	2.70	2.65	5.42	6.60	2.80	1.28	3.85	54.49
1891	6.30	8.45	9.73	3.76	1.14	5.89	5.61	2.35	1.20	0.55	5.80	4.46	55.24
1892	3.99	4.44	4.13	12.19	4.71	4.21	7.51	5.19	3.89	0.26	6.04	6.61	63.17
1893	1.60	6.92	2.78	7.28	8.79	4.49	2.68	1.88	4.91	1.72	2.32	3.34	48.71
1894	5.43	7.35	4.57	3.61	2.37	2.28	5.09	5.12	2.42	0.82	1.13	4.61	44.80
1895	6.56	1.37	6.18	3.61	3.21	3.32	6.49	3.55	2.75	1.91	2.68	4.68	46.31
1896	2.71	5.51	6.58	4.10	3.86	4.17	6.43	1.82	3.13	1.46	6.83	1.68	48.28
1897	3.61	4.38	12.54	5.89	2.50	2.16	4.90	2.54	0.19	1.88	3.44	6.44	50.47
1898	8.25	1.33	4.57	4.34	2.56	3.18	6.03	3.11	3.56	3.98	3.52	2.88	47.31
1899	6.31	6.52	8.74	3.49	2.27	2.22	4.77	3.01	0.79	2.35	2.91	6.65	50.03
1900	3.31	5.10	3.86	7.90	3.67	11.87	4.64	2.22	2.74	5.97	4.95	2.86	59.09
1901	4.83	2.24	4.56	4.51	3.26	2.52	2.22	10.18	5.15	1.45	1.72	6.25	48.89
1902	5.22	3.38	7.72	3.06	2.47	2.80	2.19	3.57	5.19	2.30	5.27	6.48	49.65
1903	3.40	8.82	5.45	3.59	5.97	4.77	3.71	2.77	0.63	1.91	3.55	3.60	48.17
1904	3.34	1.66	6.69	3.15	4.14	3.28	4.08	2.99	2.21	0.86	2.87	6.04	41.31
1905	4.04	5.27	4.19	3.39	5.86	6.58	3.56	4.38	3.06	5.61	1.80	5.39	53.13
1906	4.31	1.39	6.46	1.93	3.24	2.88	8.16	3.86	7.50	4.00	5.65	5.29	54.67
1907	2.84	4.27	4.50	4.43	7.38	3.43	4.33	2.99	4.53	2.15	4.91	4.04	49.80
1908	3.80	6.04	4.93	5.40	5.15	4.27	3.41	4.20	2.53	0.76	2.72	5.14	48.35
1909	2.95	8.48	5.73	5.91	6.22	5.85	4.19	1.90	3.69	2.60	1.94	4.19	53.65
1910	4.18	4.61	0.91	4.32	5.32	5.88	7.04	2.00	2.33	4.03	1.51	4.06	46.19
1911	4.43	4.62	2.62	9.76	2.24	3.79	5.73	5.45	2.64	3.44	4.37	10.68	59.77
1912	3.93	4.51	8.70	9.57	4.13	4.19	6.31	5.17	3.62	1.94	1.32	6.37	59.76
1913	10.60	5.50	7.08	2.75	3.82	2.89	3.40	2.42	3.99	3.06	1.46	3.05	50.02
1914	2.06	3.89	4.12	4.33	1.97	2.05	3.72	5.68	2.76	2.88	2.15	7.13	42.74
1915	5.72	3.71	3.00	0.93	4.87	2.54	4.35	7.19	3.69	3.21	6.59	6.90	52.70
1916	7.31	2.83	3.02	2.92	5.57	5.81	8.94	3.73	1.55	2.14	2.04	5.41	51.27
1917	6.80	3.89	10.96	4.63	3.67	4.93	6.40	3.08	3.10	2.29	1.39	1.68	52.82
1918	7.04	2.40	1.31	6.30	3.71	3.90	3.60	1.90	3.45	6.50	2.97	4.24	47.32
1919	5.20	3.60	8.89	3.22	6.97	4.63	2.95	6.69	0.98	8.65	7.25	3.76	62.79
1920	6.30	3.60	6.64	10.27	5.60	4.69	4.33	7.13	3.00	0.75	2.94	5.38	60.63
1921	3.27	6.04	5.33	5.81	1.89	3.19	4.85	5.92	4.89	2.68	5.46	2.63	51.96
1922	5.11	4.64	10.63	5.71	5.44	4.01	4.24	2.81	1.17	1.43	2.52	8.41	56.12
1923	5.75	4.86	7.31	5.87	7.19	3.46	3.83	6.95	2.40	2.30	4.01	6.78	60.71
1924	6.00	4.61	3.56	5.83	6.05	4.09	2.62	2.78	3.05	0.05	1.04	6.34	46.02
1925	4.17	4.42	2.82	2.77	1.99	2.61	3.67	1.94	2.78	8.07	5.12	2.34	42.70
1926	4.20	2.45	3.97	2.05	3.27	4.94	3.05	7.83	1.63	4.25	5.56	11.55	54.75
1927	3.93	3.96	8.54	7.71	4.75	5.46	2.97	3.14	2.04	2.98	5.28	6.09	56.85
1928	2.94	2.30	5.09	7.05	4.56	10.54	3.41	5.22	1.49	5.42	3.94	1.64	53.60
1929	5.51	4.84	9.36	5.76	7.52	4.52	3.83	2.07	6.02	4.32	6.86	3.62	64.23
1930	4.43	4.24	5.07	1.20	6.47	1.20	2.11	2.27	3.51	2.72	4.31	3.22	40.75
1931	2.22	4.60	4.24	2.83	2.52	1.62	4.69	4.10	1.16	2.09	4.02	9.96	44.05
1932	8.85	6.42	4.66	5.51	2.02	4.15	6.12	4.59	4.86	7.67	3.10	7.90	65.85
1933	3.10	6.77	6.34	4.45	7.71	1.55	5.85	3.48	3.08	1.54	2.37	5.00	51.24
1934	3.18	3.01	8.01	2.34	2.52	6.21	4.62	3.96	5.00	2.58	4.05	3.17	48.65
1935	5.40	4.18	8.07	4.86	5.00	4.55	2.43	2.94	1.79	4.29	5.04	2.02	50.57
1936	4.92	3.68	6.58	5.63	1.24	1.46	8.11	1.99	3.22	4.61	3.27	6.66	51.37
1937	13.94	3.57	2.54	5.18	5.22	3.28	4.11	4.70	2.98	5.84	2.15	3.78	57.29
1938	5.65	1.80	6.31	5.50	5.31	5.53	6.20	4.53	1.70	0.49	4.77	2.38	50.17
1939	6.87	11.31	5.57	5.18	4.39	6.89	3.77	3.32	1.65	0.99	1.53	3.27	54.74
1940	2.42	5.97	6.20	4.54	2.99	3.77	4.77	3.80	0.80	2.02	4.77	3.87	45.92
1941	3.24	1.15	2.72	3.29	0.99	2.50	6.96	4.30	0.87	3.79	3.16	3.43	36.40
1942	3.33	4.53	5.04	2.57	2.18	3.14	2.63	6.41	3.05	2.90	2.24	8.25	46.27
1943	1.62	2.58	6.67	3.50	3.50	2.55	3.12	2.89	6.31	0.93	2.39	3.34	39.40
1944	2.87	10.09	8.57	5.67	3.02	1.95	2.37	4.89	4.99	0.88	2.74	6.92	54.96
1945	4.91	8.42	4.87	5.75	4.84	4.46	3.18	3.52	3.27	2.78	7.43	5.46	58.89
1946	9.54	7.56	5.64	3.24	5.64	3.14	5.16	3.52	4.72	2.30	6.08	3.63	60.17
1947	8.89	1.73	3.88	4.99	5.18	4.09	2.90	2.85	1.87	2.36	5.13	2.75	46.62
1948	4.12	10.53	8.00	3.46	3.53	2.59	5.24	1.56	3.57	1.65	12.15	5.61	62.01
1949	10.88	4.15	6.32	3.56	4.28	6.86	5.24	4.07	2.43	5.72	1.10	5.09	59.70
1950	13.41	7.02	7.17	2.35	4.82	4.20	7.03	6.72	4.66	1.17	5.02	2.78	66.35
1951	7.36	6.44	7.52	4.96	0.71	6.04	4.18	1.83	4.37	2.41	6.60	10.34	62.76
1952	6.43	3.50	7.20	2.61	3.15	1.42	1.97	5.46	2.90	2.09	3.45	3.90	44.08
1953	5.84	6.95	5.77	6.37	5.30	1.99	4.98	0.90	2.78	0.50	1.15	5.43	47.96
1954	9.97	3.88	2.73	4.89	3.86	2.65	2.47	2.05	1.73	2.22	2.58	6.65	45.68
Mean	5.34	4.88	5.84	4.73	4.15	3.98	4.49	3.89	3.08	2.80	3.78	5.04	52.00
Median	4.91	4.51	5.73	4.45	4.13	3.79	4.24	3.52	3.00	2.30	3.44	4.68	51.24

——— Maximum — — — Minimum



RAINFALL AND RUNOFF
IN THE
TENNESSEE RIVER BASIN



AREA NO	AREA
1	Tennessee – [illegible]nville to Mouth
4	Tennessee – Pickwick to Johnsonville
7	Duck – Columbia to Mouth
10	Duck – Above Columbia
13	Buffalo – Above Lobelville
15	Tennessee – Florence to Pickwick
[illegible]	Bear Creek – Above Bishop
[illegible]	Tennessee – Decatur to Florence
21	[illegible] – Above [illegible] City
[illegible]	[illegible]
[illegible]	[illegible] – Above [illegible]
[illegible]	[illegible]
[illegible]	[illegible] – Above [illegible]
[illegible]	[illegible]
[illegible]	Tennessee – Hales Bar to [illegible]
33	Sequatchie – Above Whitwell
[illegible]	[illegible]
[illegible]	[illegible]
40	Hiwassee – Reliance to Ocoee No [illegible]

AREA NO	AREA
41	Ocoee – Blue Ridge to Ocoee No. 1
46	Toccoa – Above Blue Ridge
48	Hiwassee – Hiwassee Dam to Reliance
49	Hiwassee – Murphy, Nottely Dam and Tomotla to Hiwassee Dam
52	Nottely – Above Nottely Dam
53A	Hiwassee – Chatuge Dam to Murphy
54A	Hiwassee – Above Chatuge Dam
[illegible]	Valley – Above Tomotla
57	Tennessee and [illegible] – Fort Loudoun to Watts Bar and Kingston to [illegible]
[illegible]	Emory – Above Oakdale
[illegible]	[illegible] – Arthur and Tazewell to N[illegible]
[illegible]3	Powell – Above Arthur
[illegible]	Clinch – Above Tazewell
67	Tennessee – Knoxville to Fort Loudoun
[illegible]	Little Tennessee – Calderwood to McGhee
[illegible]	Little Tennessee – Fontana and Santeetlah to Calderwood
71	Cheoah – Above Santeetlah

AREA NO	AREA
72A	Little Tennessee – Bryson, Needmore and Nantahala to Fontana Dam
73	Tuckasegee – Dillsboro to Bryson
74	Tuckasegee – Above Dillsboro
75	Little Tennessee – Above Needmore
78	Nantahala – Above Nantahala
84	French Broad and Holston – Douglas and Cherokee to Knoxville
87	Holston – Gate City and Kingsport to Cherokee Dam
88	North Fork of Holston – Above Gate City
89	South Fork of Holston – South Holston Dam and Watauga Dam to Kingsport
92	South Fork of Holston – Above South Holston Dam
93	Watauga – Above Watauga Dam
99	French Broad – Hartford, Newport and Bent Creek to Douglas Dam
10[illegible]	Pigeon – Canton to Hartford
105	Pigeon – Above Canton
106	French Broad – Asheville to Newport
110	French Broad – Bent Creek to Asheville
114	French Broad – Blantyre to Bent Creek
117	French Broad – Above Blantyre
120	Nolichucky – Embreeville to Above Morristown
121	Nolichucky – Above Embreeville
125	Caney Fork – Above Great Falls Dam

TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

AVERAGE PRECIPITATION
ON
WATERSHED SUBDIVISIONS
YEAR 1954

SCALE 0 10 20 30 40 50 MILES

AVERAGE PRECIPITATION ON WATERSHED SUBDIVISIONS

1954 MONTHLY AND ANNUAL

Subdivision		Average Precipitation - Inches												
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Entire Tennessee River Basin	1954 Average	9.85	3.17	4.37	4.14	3.74	2.76	3.08	2.84	1.59	2.14	2.98	6.29	46.95
	18 Yr. Average	6.00	5.12	5.41	3.95	3.90	4.00	4.90	4.12	3.05	2.39	3.75	4.55	51.14
Area Above Chattanooga	1954 Average	9.74	2.54	5.80	3.48	3.64	2.85	3.62	3.54	1.45	2.07	3.37	5.95	48.05
	18 Yr. Average	5.36	4.68	5.15	3.63	3.95	4.23	5.48	4.45	3.05	2.48	3.42	4.30	50.18
Area Below Chattanooga	1954 Average	9.97	3.88	2.73	4.89	3.86	2.65	2.47	2.05	1.73	2.22	2.58	6.65	45.68
	18 Yr. Average	6.74	5.62	5.71	4.31	3.83	3.72	4.24	3.74	3.04	2.28	4.14	4.83	52.20
French Broad Above Newport	1954 Average	8.56	3.19	6.67	3.67	3.48	2.17	4.17	3.93	1.08	2.33	3.68	4.77	47.70
	18 Yr. Average	4.52	4.11	5.16	3.47	3.75	4.56	5.82	5.29	3.35	2.80	3.31	3.96	50.10
French Broad Above Douglas Dam	1954 Average	8.81	2.62	6.51	3.81	3.82	2.10	4.16	3.73	1.27	2.34	3.46	4.44	47.07
	18 Yr. Average	4.51	4.04	4.82	3.36	3.71	4.30	5.66	4.77	3.14	2.60	3.18	3.73	47.82
Holston Above Cherokee Dam	1954 Average	7.06	1.57	5.01	3.26	3.78	2.10	4.45	3.00	1.92	2.53	2.80	3.99	41.47
	18 Yr. Average	4.18	3.64	3.96	3.01	4.00	4.03	5.34	4.25	2.81	2.18	2.85	3.30	43.55
Holston and French Broad Above Knoxville	1954 Average	8.36	2.17	5.90	3.62	3.77	2.15	4.18	3.44	1.57	2.36	3.20	4.38	45.10
	18 Yr. Average	4.47	3.96	4.49	3.24	3.85	4.16	5.51	4.50	2.99	2.41	3.07	3.59	46.24
Little Tennessee Above McGhee	1954 Average	12.49	3.05	7.62	3.97	3.19	4.22	3.19	4.24	0.92	1.38	4.16	6.43	54.86
	18 Yr. Average	6.53	5.52	6.44	4.24	4.28	4.70	6.13	5.14	3.40	2.76	3.99	5.22	58.35
Little Tennessee Above Fontana Dam	1954 Average	12.21	3.23	8.05	3.90	2.91	3.67	3.42	4.52	0.87	1.34	4.11	6.47	54.70
	18 Yr. Average	6.54	5.60	6.63	4.25	4.14	4.77	6.28	5.29	3.56	2.83	4.04	5.35	59.28
Clinch Above Norris Dam	1954 Average	7.73	1.82	4.78	2.77	3.95	2.50	4.63	3.28	2.14	2.02	2.56	5.82	44.00
	18 Yr. Average	4.92	4.19	4.44	3.23	3.96	4.22	5.15	4.23	2.74	2.19	3.14	3.70	46.11
Hiwassee Above Charleston	1954 Average	11.80	3.14	6.94	4.26	2.94	4.99	2.96	4.46	0.80	1.40	4.34	6.95	54.98
	18 Yr. Average	6.28	5.50	6.40	4.30	4.05	4.62	5.86	4.75	3.29	2.68	3.81	5.22	56.76
Hiwassee Above Hiwassee Dam	1954 Average	11.90	3.31	7.75	4.33	2.92	5.51	3.12	4.12	0.88	1.03	4.30	6.16	55.33
	18 Yr. Average	6.23	5.54	6.59	4.47	4.08	4.91	6.22	4.91	3.44	2.68	3.74	5.20	58.01

Note: 18 Year Averages Based on 1937-1954 Averages.

EVAPORATION DATA—YEAR 1954

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Evaporation (Inches)	Paris, Tenn.	1.12	2.84	3.31	4.79	4.78	7.29	9.44	7.86	6.32	3.24	1.73	1.24	53.96
	Murphy, N. C.	1.38a	2.08	2.64a	4.55	4.47	5.69	6.30a	5.09	4.52	3.00	1.25a	0.84	41.81a
	Beetree Dam, N. C.	0.84a	1.98a	2.61	4.44a	4.50	5.72	5.72	5.21	4.77	2.87	1.39	1.03	41.08a
	Jefferson City, Tenn.	0.96	1.72	2.50	4.45	4.52	5.95	6.93	5.22	4.90a	2.51	1.08	0.75	41.49a
Precipitation (Inches)	Paris, Tenn.	7.76	3.53	4.44	5.26	2.51	2.81	0.88	1.22	3.51	2.14	1.22	6.15	41.43
	Murphy, N. C.	12.10	3.80	8.09	3.65	4.02	5.38	1.86	3.90	1.14	2.13	4.03	6.27	56.37
	Beetree Dam, N. C.	7.22	3.24	6.20	3.45	3.46	3.10	2.10	3.59	1.15	1.96	2.92	3.08	41.47
	Jefferson City, Tenn.	9.31	1.93	6.02	2.75	3.14	1.40	3.83	4.40	1.41	1.71	3.10	5.01	44.01
Average Air Temperature (Degrees F)	Paris, Tenn.	38	46	48	63	62	78	83	80	73	59	48	39	60
	Murphy, N. C.	40	43	45	60	59	70	76	74	68	57	42	37	56
	Beetree Dam, N. C.	37	41	43a	56	55	66	73	72	68	54	42	36	54a
	Jefferson City, Tenn.	37	43	45	59	59	73	77	74	69	58	43	36	56
Average Water Temperature (Degrees F)	Paris, Tenn.	41a	51	52	66a	68	84	86	84	77	64	51	42a	64a
	Murphy, N. C.	45a	49	54	67	69	81	85	83	75	62	48	41a	63a
	Beetree Dam, N. C.	40a	46	50a	63	63	75	79	76	71	58a	42a	35a	58a
	Jefferson City, Tenn.	44	49	54	68	68	80	85	83	77	62	48	41	63
Average Relative Humidity (Percent)	Paris, Tenn.	78	69	69	72	75	75	67	69	71	79	75	77	73
	Murphy, N. C.	82	74	73	76	78	80	79	82	77	77	82	82	78
	Beetree Dam, N. C.	74	65	67a	77a	77	81	83	82	69	70	75	71	74a
	Jefferson City, Tenn.	80	67	68	72	75	74	70	78	67	74	78	80	74
Average Wind Velocity (Miles Per Hour)	Paris, Tenn.	1.55	2.14	1.82	1.19	0.69	0.52	0.61	0.61	0.41	0.60	0.71	1.25	1.01
	Murphy, N. C.	0.30	0.57	0.58	0.47	0.30	0.18	0.07	0.04	0.04	0.12	0.14	0.20	0.25
	Beetree Dam, N. C.	1.56	2.01	1.81	1.32	0.93	0.41	0.32	0.35	0.29	0.55	0.73	1.16	0.95
	Jefferson City, Tenn.	0.70	1.01	1.01	0.63	0.45	0.27	0.32	0.32	0.33	0.47	0.61	0.92	0.59

a = Partly computed.

PRECIPITATION STATISTICS FOR SELECTED STATIONS

Precipitation in Inches

			Maximum		Minimum		
Month	Mean	Median	Amount	Date	Amount	Date	1954
Elizabethton, Tennessee							
January	3.50	3.33	8.13	1947	0.46	1896	7.04
February	3.29	3.18	7.59	1944	0.48	1906	1.31
March	4.22	3.98	10.72	1899	1.37	1937	5.13
April	3.29	3.12	6.05	1912	0.65	1942	3.02
May	4.12	3.95	7.73	1915	1.08	1941	3.22
June	4.80	4.42	16.38	1872	1.33	1946	1.59
July	5.20	4.72	10.56	1896	1.10	1872	3.38
August	4.40	4.09	12.14	1901	0.89	1896	4.38
September	2.90	2.71	7.61	1928	0.30	1903	1.23
October	2.47	2.05	7.61	1918	0.02	1904	3.33
November	2.29	2.04	5.02	1948	0.61	1931	2.71
December	3.32	3.12	9.87	1872	0.80	1935	2.61
Annual	43.80	44.38	58.91	1928	29.06	1941	38.95
Hendersonville, North Carolina							
January	4.81	4.41	12.40	1906	0.39	1907	#7.72
February	4.59	4.23	10.73	1891	0.54	1930	4.50
March	5.48	5.65	11.67*	1891	0.96	1930	6.53
April	4.13	4.11	9.38	1920	0.43	1915	3.04
May	4.49	4.12	12.70	1942	0.95	1914	4.43
June	5.31	4.90	11.56	1934	0.96	1911	2.10
July	6.26	5.52	22.09	1916	1.74	1902	5.23
August	6.02	5.10	26.58	1901	0.49	1925	1.90
September	4.41	3.94	14.00	1906	0.22	1919	0.30
October	4.05	3.23	14.59	1918	0.01	1904	1.82
November	3.33	3.08	12.54	1948	0.21	1910	5.02
December	5.29	4.64	12.85	1918	1.13	1928	5.33
Annual	58.17	58.07	92.60	1901	32.55	1925	#47.92

* Also Maximum for March 1952.

Knoxville, Tennessee							
January	4.79	4.04	16.98	1882	1.29	1907	10.83
February	4.70	4.42	12.52	1873	0.56	1898	1.97
March	5.14	4.56	13.35	1917	0.72	1910	5.17
April	4.24	4.01	17.32	1874	0.70	1942	2.25
May	3.78	3.71	8.81	1938	0.71	1941	2.88
June	4.16	4.00	11.83	1928	1.39	1936	2.64
July	4.63	4.00	13.16	1917	0.69	1901	3.35
August	3.92	3.64	11.33	1920	1.10	1953	1.75
September	2.82	2.46	10.78	1944	0.22	1879	1.10
October	2.51	2.06	9.51	1925	0.07	1904	1.64
November	3.29	3.06	11.69	1948	0.17	1890	2.73
December	4.36	3.72	12.34	1901	0.95	1896	6.59
Annual	48.34	47.61	73.87	1875	33.67	1930	42.90

PRECIPITATION STATISTICS FOR SELECTED STATIONS--Continued

Precipitation in Inches

			Maximum		Minimum		
Month	Mean	Median	Amount	Date	Amount	Date	1954
			Murphy, North Carolina				
January	5.72	5.40	14.85	1882	1.75	1907	12.10
February	5.53	4.93	15.10	1873	0.56	1906	3.32
March	6.36	5.92	15.34	1917	2.09	1918	7.78
April	4.73	4.56	15.40	1874	0.30	1915	4.30
May	4.01	3.55	11.25	1929	0.46	1941	4.02
June	5.03	5.12	9.31	1884	1.53	1936	5.38
July	5.73	5.51	13.42	1950	1.23	1901	1.86
August	5.06	4.64	13.96	1920	0.95	1953	3.90
September	3.26	3.43	7.44	1951	0.20	1876	1.14
October	3.02	2.58	9.27	1949	T	1904	2.15
November	3.74	3.17	13.18	1948	0.51	1924	4.03
December	5.29	4.90	12.98	1932	1.09	1898	6.13
Annual	57.48	56.81	84.80	1875	40.00	1940	56.11
			Chattanooga, Tennessee				
January	5.33	4.74	14.74	1882	1.33	1907	10.47
February	4.98	4.81	12.30	1939	0.62	1941	3.58
March	5.93	5.25	14.05	1899	0.93	1910	3.82
April	4.61	4.10	15.29	1911	0.44	1942	1.72
May	3.90	3.78	12.00	1929	0.54	1941	3.79
June	4.10	4.09	9.40	1949	0.29	1931	2.03
July	4.68	4.70	13.49	1916	0.67	1902	4.09
August	3.86	3.28	12.36	1920	0.45	1929	2.71
September	3.05	2.60	9.18	1950	0.04	1919	3.45
October	2.98	2.56	11.91	1925	0.08	1938	1.23
November	3.52	3.08	13.59	1948	0.16	1890	5.06
December	5.15	4.75	11.69	1942	0.44	1889	8.67
Annual	52.09	51.72	72.37	1929	32.68	1904	50.62
			Lewisburg, Tennessee				
January	5.36	4.82	17.05	1950	1.26	1943	9.67
February	5.09	4.76	13.14	1939	1.08	1941	4.52
March	5.86	5.79	12.50	1902	0.94	1910	3.24
April	4.46	4.60	12.60	1912	0.56	1915	5.15
May	4.00	3.72	8.50	1933	0.60	1941	4.78
June	4.05	3.63	13.46	1900	0.72	1899	1.59
July	4.36	3.92	9.85	1941	0.84	1954	0.84
August	4.07	3.34	11.40	1923	0.57	1909	2.38
September	3.06	3.01	8.87	1906	0.32	1927	3.48
October	2.92	2.48	8.88	1919	0.05	1924	2.32
November	3.65	3.26	10.27	1948	0.46	1953	2.47
December	4.84	4.26	11.71	1922	1.01	1928	6.90
Annual	51.72	51.12	66.62	1950	37.42	1904	47.34

PRECIPITATION STATISTICS FOR SELECTED STATIONS--Continued

Precipitation in Inches

			Maximum		Minimum		
Month	Mean	Median	Amount	Date	Amount	Date	1954

Muscle Shoals, Alabama*

January	5.25	4.74	13.09	1950	1.98	1914	8.52
February	5.12	4.63	13.64	1948	0.54	1941	4.22
March	5.82	5.25	16.15	1897	1.26	1910	1.83
April	4.51	4.01	16.07	1892	0.74	1930	4.69
May	3.94	3.69	11.29	1939	0.16	1941	3.56
June	4.11	3.89	13.87	1900	0.60	1897	1.56
July	4.47	3.76	14.60	1916	0.77	1935	1.42
August	3.87	3.29	10.60	1894	0.35	1948	0.85
September	3.00	2.67	7.87	1890	0.00	1897	1.54
October	2.63	2.04	11.05	1918	0.00	1924	2.88
November	3.51	3.48	11.39	1948	0.16	1949	2.67
December	4.88	4.29	14.59	1926	1.10	1889	7.00
Annual	51.11	50.82	76.21	1932	30.92	1943	40.74

* Before December 1940 the Muscle Shoals, Alabama, station was at Florence, Alabama.

Johnsonville, Tennessee

January	5.58	4.50	23.51	1937	0.64	1944	8.34
February	4.26	3.82	9.56	1939	0.79	1947	3.60
March	5.27	5.14	13.07	1927	0.59	1910	3.25
April	4.69	4.22	12.29	1892	0.53	1887	3.80
May	4.34	3.42	10.19	1909	0.48	1951	2.39
June	4.06	3.51	13.34	1928	0.37	1930	2.24
July	4.11	3.82	10.12	1892	0.06	1890	1.04
August	3.85	2.91	13.70	1914	0.34	1948	2.28
September	3.46	3.15	11.31	1921	0.00	1897	1.64
October	2.91	2.54	11.44	1919	T	1924	1.73
November	4.15	3.54	11.90	1906	0.74	1949	0.99
December	4.61	3.92	14.66	1926	0.05	1889	4.99
Annual	51.29	49.93	76.17	1950	33.97	1941	36.29

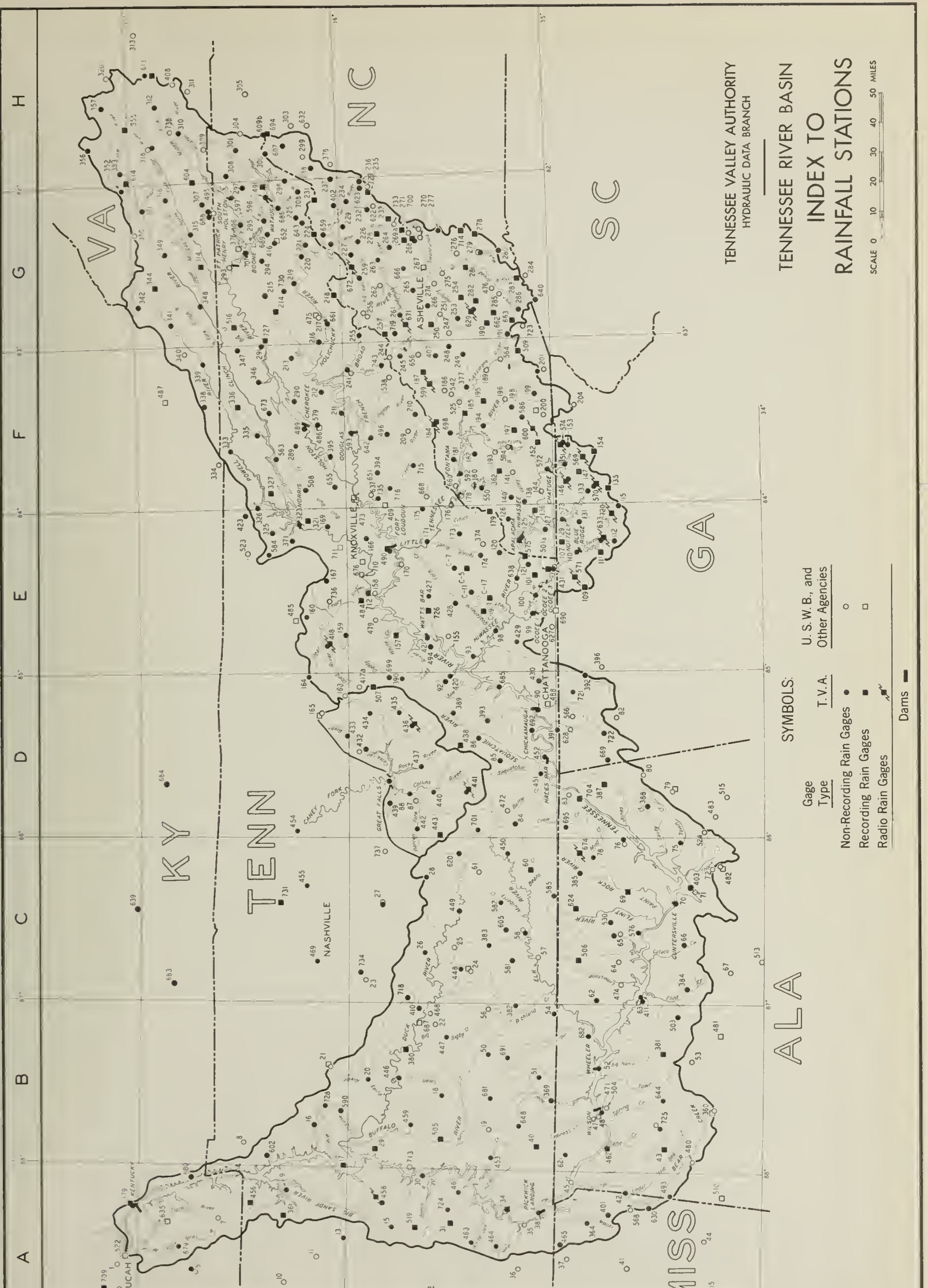
MONTHLY AND ANNUAL RAINFALL AND RUNOFF

TENNESSEE RIVER ABOVE CHATTANOOGA, TENNESSEE

Drainage Area - 21,400 Square Miles

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL
Rainfall in Inches 1890 - 1954													
1954	9.74	2.54	5.80	3.48	3.64	2.85	3.62	3.54	1.45	2.07	3.37	5.95	48.05
Maximum	10.32	9.69	11.40	7.49	7.95	8.67	11.07	13.33	6.91	8.37	10.30	9.98	62.81
Minimum	1.42	0.96	1.37	0.95	0.80	1.73	2.69	1.25	0.77	0.17	0.44	1.06	37.23
Mean	4.62	4.56	5.34	4.07	4.09	4.49	5.31	4.59	3.22	2.86	3.15	4.57	50.87
Median	4.25	4.44	5.15	4.05	3.80	4.49	5.03	4.20	3.08	2.47	2.91	4.20	51.92
Runoff in Inches 1874 - 1954 (Unregulated)													
1954	4.96	1.43	3.20	2.24	1.53	0.93	0.59	0.48	0.29	0.35	0.44	1.70	18.14
Maximum	9.42	7.45	9.62	7.11	5.28	3.75	3.90	4.28	2.69	3.17	3.77	5.11	36.54
Minimum	0.50	0.62	1.30	1.01	0.61	0.50	0.45	0.26	0.21	0.30	0.30	0.41	11.22
Mean	3.10	3.22	3.76	2.94	2.02	1.46	1.35	1.17	0.87	0.79	1.09	1.91	23.68
Median	2.83	3.08	3.26	2.62	1.84	1.27	1.12	0.98	0.71	0.70	0.84	1.68	23.64
Runoff in Cubic Feet Per Second 1874 - 1954 (Unregulated)													
1954	92,100	29,300	59,400	43,000	28,400	17,800	10,900	8,900	5,600	6,600	8,500	31,600	28,600
Maximum	174,800	147,800	178,500	136,400	98,000	72,000	72,300	79,400	51,500	58,900	72,400	94,800	57,600
Minimum	9,200	12,700	24,100	19,400	11,300	9,600	8,300	4,760	3,990	5,510	5,800	7,700	17,690
Mean	57,500	66,200	69,800	56,400	37,500	28,000	25,100	21,700	16,700	14,700	20,900	35,500	37,300
Median	52,500	63,300	60,500	50,300	34,200	24,400	20,800	18,200	13,600	13,000	16,100	31,200	37,200

Unregulated flow data for September through December 1954 are provisional.



TENNESSEE VALLEY AUTHORITY
HYDRAULIC DATA BRANCH

TENNESSEE RIVER BASIN
INDEX TO
RAINFALL STATIONS

ANNUAL 1954 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	TENNESSEE RIVER - MOUTH TO JOHNSONVILLE																															
1	PADUCAH	A-1	USWB	333	73	4.70	4.37	#2.59	3.62	1.71	4.93	2.69	4.54	5.07	3.90	2.45	4.06	0.66	3.43	2.72	3.46	3.86	3.04	5.01	2.90	1.03	3.84	7.24	3.59	#39.73	45.68	3.0
522	PADUCAH, NEAR (R)	A-1	USWB	348	14	----	----	2.89	3.66	1.53	4.89	----	----	5.03	4.37	2.28	3.61	0.45	2.70	2.95	2.97	3.78	2.89	4.07	2.85	0.65	3.59	6.58	3.47	-----	-----	---
702	PADUCAH AIRPORT	A-1	USWB	504	5	3.94		2.77		1.79		2.41		4.04		3.11		1.47		2.41		4.57		4.87		1.08		7.30		39.76		3.5
709	SHAWNEE STEAM PLANT (R)	A-1	TVA	355	4	5.11		2.63		1.71		2.18		4.42		2.47		0.17		2.97		4.99		4.43		1.01		7.19		39.28		---
2	LOVELACEVILLE	A-2	USWB	479	30	4.93	4.68	2.90	3.90	1.87	5.32	3.96	4.78	4.92	3.75	2.48	4.46	2.42	2.67	2.72	3.58	5.10	3.58	4.71	3.53	1.08	3.50	6.99	3.62	44.08	47.37	5.5
379	KENTUCKY DAM (R)	A-1	TVA	362	17	5.36	4.88	2.82	4.19	1.89	5.09	3.35	4.05	4.43	4.02	1.60	3.68	0.84	3.05	1.20	3.19	5.30	2.88	6.02	2.54	0.78	3.87	6.90	3.87	40.49	45.31	---
379A	KENTUCKY DAM	A-1	TVA	362	10	5.45	5.99	2.76	4.45	1.82	5.30	3.15	3.71	4.32	4.26	1.55	3.66	1.40	2.99	1.16	2.88	5.99	3.73	6.02	2.90	0.67	4.46	6.56	4.50	40.85	48.83	---
679	HICKSVILLE	A-2	TVA	440	7	5.48	7.13	3.23	5.01	2.84	6.13	3.17	3.43	4.16	3.93	2.26	3.70	3.75	4.14	3.07	3.76	8.47	4.04	4.78	2.74	0.80	3.93	5.00	5.75	47.01	53.69	3.2
5	MAYFIELD	A-2	USWB	364	42	6.03	4.71	3.19	3.35	3.53	4.84	3.72	4.41	4.10	4.12	3.12	3.73	3.04	3.88	2.81	3.48	6.28	3.07	3.33	2.98	1.02	3.73	5.70	3.99	45.87	46.29	5.0
5A	MAYFIELD SUBSTA.	A-2	TVA	364	11	5.84	5.72	2.93	4.84	3.31	5.85	4.29	4.00	3.90	4.80	3.30	3.90	2.45	3.86	2.91	3.13	6.69	3.69	4.00	2.92	0.97	4.38	6.31	4.75	46.90	51.84	4.0
635	BENTON (R)	A-2	USWB	410	10	5.54	6.73	2.52	4.42	2.51	5.54	4.45	3.66	3.06	3.93	2.75	4.00	1.40	3.19	2.22	2.90	5.62	3.36	4.34	2.03	0.61	3.92	5.45	4.96	40.47	48.64	---
7	MURRAY	A-2	USWB	412	29	5.93	5.22	3.46	3.99	2.99	5.55	4.97	4.41	#2.93	4.16	3.27	4.03	2.39	3.26	2.22	3.32	3.78	3.38	3.35	3.00	0.43	3.31	5.24	3.79	#40.96	47.42	2.0
680	TURKEY CREEK SCHOOL	A-2	TVA	390	7	6.64	7.21	3.50	4.97	3.02	6.37	5.49	3.34	3.67	4.19	3.86	4.09	1.49	2.97	1.67	3.50	5.70	4.00	4.55	2.68	0.82	4.18	6.22	5.58	46.63	53.08	3.3
8	DOVER	B-2	USWB	492	57	7.21	5.49	3.54	3.88	3.58	5.31	4.54	3.86	3.27	3.90	2.97	4.03	1.11	3.95	3.14	3.65	3.26	3.46	3.11	3.37	1.07	3.84	5.96	4.30	42.76	49.04	3.2
602	DOVER FIRE TOWER, NEAR	B-2	TVA	410	12	10.29	6.71	3.74	4.75	4.49	5.71	3.64	4.22	2.64	4.08	2.90	4.00	0.42	4.06	1.93	3.07	2.18	3.73	1.77	2.72	0.94	4.94	5.89	5.61	40.83	53.60	3.0
456	BUCHANAN (R)	A-2	TVA	435	15	7.85	5.47	3.26	4.31	4.50	5.93	4.33	3.97	2.61	3.99	3.39	3.71	0.53	3.82	2.73	3.64	3.18	3.08	2.23	2.78	0.96	4.43	5.77	4.33	41.34	49.46	---
9	SPRINGVILLE	A-2	TVA	400	40	8.82	5.82	3.40	3.98	4.56	5.36	4.50	4.25	3.07	4.48	5.77	3.53	0.98	3.82	2.26	3.57	2.13	3.16	1.31	2.85	1.30	4.06	6.13	4.71	44.23	49.59	3.0
10	DRESDEN	A-2	USWB	422	31	7.44	5.68	3.14	4.15	3.64	5.46	5.66	4.35	2.43	4.70	2.08	4.16	0.64	3.48	2.10	3.51	2.84	3.27	3.43	3.17	#1.03	4.01	5.71	4.38	#40.14	50.32	1.5
361	PARIS EVAPORATION STA. (R)	A-2	TVA	455	18	7.74	5.74	3.44	4.19	4.38	5.47	5.25	4.19	2.28	4.26	2.75	3.97	0.82	4.22	1.25	3.74	3.44	3.40	2.11	3.35	1.19	4.07	6.05	4.53	40.70	51.13	---
11	MCKENZIE	A-2	USWB	475	21	9.30	5.70	#3.54	4.09	3.37	5.43	5.34	4.33	2.78	4.39	4.34	3.92	0.32	4.01	1.94	3.48	2.30	3.45	2.02	3.31	1.05	4.00	5.69	4.36	#41.99	50.47	1.3
13	HUNTINGDON	A-2	TVA	430	25	9.15	6.35	3.62	4.18	2.62	5.95	#4.05	4.39	2.85	4.51	2.45	3.77	0.65	4.12	1.85	3.28	1.80	3.19	1.05	2.77	1.40	3.91	4.95	4.34	#36.44	50.76	1.5
15	WILDERSVILLE	A-3	TVA	480	39	11.68	6.26	3.31	4.21	#2.68	5.25	5.31	4.55	3.19	4.51	1.47	4.00	3.05	4.05	1.75	3.97	1.72	3.12	2.33	2.89	1.43	4.09	5.17	4.86	#43.09	51.76	2.0
16	ERIN, NEAR	B-2	TVA	470	19	#10.17	6.95	4.09	4.40	4.64	5.68	3.96	3.96	2.37	3.89	3.07	3.67	2.49	4.41	1.86	3.38	2.06	3.09	3.20	2.63	1.31	4.04	5.56	4.72	#44.78	50.82	4.1
	DUCK RIVER																															
459	PLEASANTVILLE	B-3	TVA	495	15	12.65	7.10	4.80	5.02	2.40	5.73	3.66	4.28	4.77	3.99	3.22	3.44	1.99	3.56	2.23	3.84	1.55	2.73	1.69	2.02	1.92	4.74	5.22	4.92	46.10	51.37	T
505	SUGAR HILL (R)	B-3	TVA	580	14	11.74	7.66	5.94	5.33	2.09	5.31	3.34	4.06	3.19	3.49	3.27	2.72	1.57	2.85	5.22	4.46	1.23	2.88	1.33	1.92	1.73	4.52	5.19	4.85	45.84	50.05	---
18	BOHENWALD	B-3	TVA	975	67	12.32	5.59	5.51	4.97	2.36	5.93	5.22	4.65	3.43	4.30	2.41	3.57	2.20	3.40	2.33	4.42	1.21	3.12	1.08	3.04	1.57	4.40	4.82	4.92	44.46	52.31	2.6
19	WAYNESBORO	B-3	USWB	730	70	10.08	5.40	4.84	5.28	3.55	6.07	4.43	5.10	3.10	4.72	4.24	4.09	3.15	4.38	1.96	4.46	2.42	3.27	1.43	3.15	1.86	4.60	5.87	5.10	46.93	55.62	2.1
590	MCEWEN, NEAR	B-2	TVA	532	13	10.16	6.29	#4.39	5.50	3.85	6.94	5.42	3.71	2.70	4.63	1.45	4.15	0.35	4.11	3.14	3.62	1.80	2.95	2.93	2.42	2.12	4.54	5.59	5.25	#43.90	54.11	2.5
728	MCEWEN	B-2	TVA	805	2	9.03		4.21		4.61		4.55		2.15		2.05		2.18		2,88		1.65		2.43		1.39		5.32		42.45		2.5
20	PINEWOOD	B-3	TVA	520	39	10.67	6.17	4.05	4.10	3.56	5.23	5.23	4.70	3.05	4.01	2.15	3.49	2.71	4.02	1.54	3.81	2.04	2.66	3.09	2.70	1.56	3.78	5.55	4.96	45.20	49.63	1.0
21	DICKSON	B-2	USWB	800	63	8.27	5.66	3.48	4.39	4.13	5.64	4.98	4.46	3.99	4.53	2.02	4.09	1.18	4.41	2.45	3.94	2.48	2.93	2.71	3.15	1.33	4.07	4.92	4.69	41.94	52.16	3.5
21A	DICKSON (R)	B-2	USWB	800	15	8.69	5.66	3.54	4.39	3.89	5.84	4.62	4.46	PUBLICATION DISCONTINUED APRIL 30, 1954																		-----	-----	---
446	CENTERVILLE SUBSTA.	B-3	TVA	466	15	12.85	7.04	4.67	5.10	2.34	5.35	5.33	4.29	3.70	3.59	1.88	3.50	1.89	3.94	1.39	3.93	1.92	2.88	1.18	1.89	1.43	4.42	5.12	4.68	43.70	50.61	0.6
446A	CENTERVILLE	B-3	USWB	630	9	11.31	8.77	4.65	5.38	2.46	5.29	5.41	4.42	3.62	4.47	1.63	4.42	DISCONTINUED JULY 31, 1954												-----	-----	---
380	SHADY GROVE (R)	B-3	TVA	580	16	12.47	6.49	5.25	5.68	2.52	5.19	5.71	4.28	3.35	3.19	0.98	3.40	3.01	3.86	1.43	3.47	1.53	2.45	2.19	1.81	1.67	4.16	4.81	4.48	44.92	48.46	---
447	MT. PLEASANT SUBSTA.	B-3	TVA	610	15	10.35	6.09	5.22	5.98	3.18	5.59	5.04	4.22	2.85	3.38	6.71	3.62	1.91	3.74	1.37	3.61	1.18	3.08	3.67	2.17	1.80	4.03	6.76	4.90	50.04	50.41	1.5
447A	MT. PLEASANT, NEAR	B-3	USWB	720	2	10.29		5.26		2.80		2.90		2.05		3.76		1.91		1.56		1.80		2.82		1.66		6.61		43.42		---
687	MONSANTO (R)	B-3	MCCO	625	7	11.67	10.16	5.72	6.14	3.32	5.48	5.01	3.66	1.72	3.74	0.65	3.54	2.45	3.65	1.38	2.57	1.50	2.00	1.51	2.49	1.35	4.19	5.27	5.41	41.55	53.03	2.5
22	ASHWOOD	B-3	USWB	725	82	10.53	5.14	5.63	4.90	3.37	5.88	6.61	4.17	3.32	4.37	2.28	3.71	1.17	3.80	1.55	4.00	2.98	3.17	2.99	2.89	1.68	4.00	6.09	4.59	48.20	50.62	2.5
468	COLUMBIA	B-3	USWB	675	7	11.24		7.25		3.81		#5.69		#3.44		1.68		1.23		#0.74		2.38		2.73		#1.51		6.18		#47.88		3.0
410	COLUMBIA SUBSTA.	B-3	TVA	620	16	12.34	6.29	5.61	5.71	3.30	5.37	5.46	4.18	3.44	3.32	0.87	3.61	2.41	3.45	0.81	4.05	1.64	3.34	2.31	2.14	1.62	4.11	5.78	4.77	45.59	50.34	1.2
718	NEAPOLIS	C-3	TVA	720	3	13.21		5.40		3.58		5.64		3.17		1.25		1.22		0.99		1.47		2.14		1.86		6.05		45.98		1.0
734	FRANKLIN, NEAR	C-3	TVA	745	1	10.71		4.58		4.68		4.82		4.73		4.12		0.68		2.01		2.30		5.27		1.77		5.92		51.59		0.2
23	FRANKLIN	C-3	USWB	625	66	10.64	5.16	4.64	4.60	4.10	5.42	5.20	3.93	4.54	3.91	4.67	3.54	0.56	3.98	2.06	4.01	2.68	2.72	4.91	2.45	1.78	3.85	5.93	4.21	51.71	47.78	0.2
448	LEWISBURG NO. 2 SUBSTA.	C-3	TVA	740	15	9.82	6.32	4.18	6.13	3.79	5.36	5.41	4.20	4.90	3.85	1.26	3.22	1.41	4.42	1.59	3.10	3.08	3.35	2.85	2.06	2.76	3.99	7.34	4.55	48.39	50.55	3.2
24	LEWISBURG, NEAR	C-3	USWB	787	61	9.67	5.21	4.52	5.49	3.24	5.81	5.15	4.30	4.78	4.15	1.59	4.12	0.84	4.18	2.38	3.63	3.48	2.69	2.32	2.90	2.47	4.19	6.90	4.75	47.34	51.42	2.2
24A	LEWISBURG, NEAR (R)	C-3	USWB	787	14	9.71	5.21	4.69	5.49	3.23	5.81	4.69	4.30	DISCONTINUED APRIL 30, 1954																		-----	-----	---
25	PALMETTO	C-3	USWB	770	65	10.02	4.93	4.24	5.15	3.12	5.39	5.34	3.95	5.85	4.25	2.12	4.05	4.49	4.59	2.00	3.80	3.11	2.62	2.21	3.03	2.29	4.00	6.83	4.54	51.62	50.30	2.5
26	CHAPEL HILL	C-3	TVA	705	19	11.64	6.65	4.10	5.64	3.27	5.28	6.13	4.12	4.62	4.11	2.82	3.12	1.40	4.04	0.56	3.54	2.94	3.21	3.45	2.44	1.65	4.23	7.21	4.36	49.79	50.74	T
27A	MURFREESBORO	C-3	USWB	608	73	11.87	4.96	3.42	4.78	4.50	5.49	7.80	4.00	4.88	3.83	2.35	3.22	0.93	4.29	2.78	3.90	4.36	2.82	4.17	2.64	1.72	4.13	8.05	4.35	56.83	48.41	1.1
27B	MURFREESBORO SUBSTA.	C-3	TVA	580	15	12.45	6.26	3.20	5.52	4.46	5.29	8.39	4.03	4.82	3.99	2.54	2.99	1.13	4.06	2.49	3.61	4.66	3.34	3.79	1.95	1.88	4.57	7.76	4.82	57.57	50.43	2.1
449	SHELBYVILLE	C-3	TVA	742	15	10.25	6.57	3.17	6.14	2.73	5.36	4.15	3.91	4.49	3.85	2.92	3.76	1.83	3.87	2.95	3.24	3.33	3.53	2.52	2.14	3.38	4.14	7.20	4.87	48.92	51.38	T
449A	SHELBYVILLE (R)	C-3	TVA	745	1	10.04		----		DISCONTINUED FEBRUARY 2, 1954																				-----	-----	---
28	BEECH GROVE	C-3	TVA	875	18	11.20	7.06	3.95	6.10	4.23	5.68	4.74	3.75	3.60	4.23	3.30	3.92	3.30	4.19	1.77	4.47	2.82	3.46	1.85	2.24	2.72	4.36	8.03	4.83	51.51	54.29	2.0
620A	MANCHESTER	C-3	TVA	1046	5	11.24		3.61		3.14		4.71		4.60		3.70		5.19		1.69		2.10		2.02		2.81		9.84		54.65		1.7
	TENNESSEE RIVER - JOHNSONVILLE TO PICKWICK																															
17A	JOHNSONVILLE STEAM PLANT (R)	B-2	TVA	385	71	8.34	5.58	3.60	4.26	3.25	5.27	3.80	4.69	2.39	4.34	2.24	4.06	1.04	4.11	2.28	3.85	1.64	3.46	1.73	2.91	0.99	4.15	4.99	4.61	36.29	51.29	---
458	CAVVIA	A-3	TVA	580	15	10.82	6.15	#3.51	4.50	2.74	6.12	4.77	4.54	3.00	4.08	2.18	3.32	1.29	3.84	3.05	3.86	1.30	3.45	1.90	2.64	1.68	4.91	4.94	4.71	#41.18	52.12	3.0
458A	CAVVIA, RADIO	A-3	TVA	595	6	PUBLICATION STARTED JULY 1, 1954												1.5		2.9		1.2		1.0		1.4		4.5		-----		---
29	CUBA LANDING (R)	B-3	TVA	425	19	9.58	6.64	4.00	4.51	2.47	5.47	3.89	4.00	3.33	3.83	2.67	3.49	1.96	3.84	1.53	2.84	1.54	2.39	2.77	2.40	2.02	3.99	4.08	4.37	39.84	47.77	---
713	POPE	B-3	USWB	395	4	12.73		4.62		2.85		4.56		4.04		1.70		1.09		4.50		1.68		2.55		1.74		4.49		46.55		0.5
30	PERRYVILLE	A-3	TVA	365	59	12.56	6.04	4.59	4.65	2.20	5.89	3.96	4.26	3.08	4.12	1.97	3.82	1.84	3.83	3.65	3.83	0.86	3.11	1.90	3.08	1.87	4.10	4.24	4.70	42.72	51.43	T
724	SCOTTS HILL	A-3	TVA	520	2	12.89		5.15		2.56		3.89		3.80		1.55		1.66		2.18		1.11		2.10		2.03		4.30		43.22		0.8
519	OAK GROVE (R)	A-3	TVA	510	14	11.80	7.09	3.70	4.68	2.35	5.57	4.11	4.51	2.73	4.34	1.14	3.30	1.73	3.24	2.59	3.66	1.25	3.26	2.00	2.72	1.46	4.86	4.14	4.89	39.00	52.12	---
461	DUNBAR, TENNESSEE	A-3	TVA	535	15	11.52	6.82	6.39	5.23	2.47	5.74	3.74	4.42	3.57	3.89	2.48	3.37	0.72	2.84	1.18	3.72	0.99	2.73	2.41	2.40	1.72	4.65	5.05	5.06	42.24	50.87	1.0

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1954 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCB		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Y E A R		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	TENNESSEE RIVER - JOBNSONVILLE TO PICKWICK (CONT'D)																															
453	CLIFTON JUNCTION	B-3	TVA	474	15	10.44	6.38	4.44	5.57	2.57	5.81	4.41	4.64	3.38	3.32	3.58	3.55	2.83	3.25	1.47	3.26	2.03	2.91	1.52	2.07	1.75	4.52	4.71	4.77	43.13	50.05	2.0
40	VICTORY (R)	B-3	TVA	830	19	8.74	6.89	4.70	6.48	2.55	6.05	5.46	5.07	3.20	4.05	1.35	3.74	1.31	4.33	2.00	4.26	2.98	3.39	0.96	2.86	2.12	4.87	4.57	5.08	39.94	57.07	---
31	REAGAN (R)	A-3	TVA	570	33	12.47	5.64	4.95	4.39	2.39	4.75	3.32	4.42	2.60	3.89	1.71	3.84	1.80	3.60	2.21	3.36	1.26	2.89	1.46	2.56	1.60	4.00	4.16	4.87	39.93	48.21	---
463	ENVILLE	A-3	TVA	537	15	11.08	8.62	5.56	5.18	2.75	5.50	#4.55	4.34	3.93	4.30	1.70	2.66	3.65	3.50	1.05	2.93	1.50	2.52	2.07	2.21	1.58	4.50	4.29	4.42	#43.71	50.68	1.8
34	SAVANNAH	A-3	USWB	440	72	7.61	5.94	5.05	5.00	1.72	6.24	4.40	4.57	3.80	4.40	2.01	4.33	3.46	3.83	0.73	4.22	1.23	3.35	1.15	3.28	1.23	4.45	3.86	4.91	36.25	54.52	0.6
34A	SAVANNAH (R)	A-3	TVA	450	10	7.22	8.47	4.98	6.02	1.41	5.50	4.25	4.16	3.61	4.50	1.71	3.00	3.86	3.43	0.77	2.78	1.02	2.84	0.98	1.88	1.54	5.11	4.06	4.44	35.41	52.13	---
464	LEAPWOOD, NEAR	A-3	TVA	540	15	8.40	6.52	6.70	5.72	1.78	5.90	4.61	4.21	3.50	3.35	1.98	3.19	2.50	2.95	0.38	3.63	1.02	3.26	1.72	2.64	1.74	4.64	3.93	4.70	38.26	50.71	1.0
35	SBILOB	A-3	USDI	475	44	6.47	5.74	4.89	5.18	1.88	6.02	4.50	4.39	5.27	4.51	1.94	4.08	3.35	3.96	2.34	3.70	0.75	3.16	1.50	3.27	1.97	4.33	4.22	5.00	39.08	53.34	1.0
36	SELMER	A-3	USWB	470	31	8.63	5.77	5.80	4.77	1.70	5.99	4.10	4.52	4.27	4.38	0.93	4.28	4.25	3.80	2.14	3.89	0.92	3.39	1.75	3.25	2.06	4.32	3.81	4.87	40.36	53.23	0.5
465	ACTON, NEAR	A-4	TVA	510	15	8.78	8.38	3.88	6.54	1.95	5.82	4.25	4.46	4.35	4.03	1.51	2.83	3.02	3.62	2.98	2.96	0.93	2.53	1.77	1.91	2.02	4.98	4.43	4.60	39.87	52.66	2.5
37	CORINTH	A-4	USWB	470	69	8.36	4.98	4.09	4.26	1.49	5.51	5.39	4.79	4.71	4.50	1.35	3.76	3.35	4.77	1.59	4.02	1.07	3.10	1.34	3.28	1.87	3.72	3.76	5.77	38.37	52.46	2.8
	TENNESSEE RIVER - PICKWICK TO FLORENCE																															
38	PICKWICK LANDING DAM	A-3	TVA	479	20	8.39	6.60	4.16	5.34	1.92	5.24	5.67	4.39	4.08	3.50	1.24	3.41	2.54	3.66	2.09	3.23	1.29	2.78	1.26	2.79	2.13	4.45	4.93	4.61	39.70	50.00	2.0
364	BURNSVILLE SUBSTA.	A-4	TVA	452	17	8.83	6.73	5.22	6.05	2.06	6.01	5.80	4.66	4.97	4.20	2.34	3.01	2.55	3.55	4.19	3.91	1.14	2.85	2.06	1.95	1.87	5.01	4.71	4.97	45.74	52.90	3.0
401	MIDWAY	A-4	TVA	560	16	8.57	6.70	4.39	6.64	2.06	6.09	5.42	4.40	3.48	3.85	1.10	3.14	3.10	3.87	2.65	3.54	0.99	2.69	2.46	2.08	2.09	5.00	4.84	4.94	41.15	52.94	1.0
41	BOONEVILLE	A-4	USWB	504	60	9.04	5.13	5.13	4.35	1.73	5.63	4.65	4.90	3.69	4.64	0.93	4.02	2.40	4.15	1.43	3.67	0.70	3.07	2.27	3.10	1.92	3.78	4.60	6.03	38.49	52.47	3.0
42	BISBOP	A-4	TVA	470	20	8.10	6.93	4.02	6.20	2.13	6.53	7.46	5.02	4.98	4.15	1.31	3.28	4.46	4.23	2.61	3.79	1.37	2.76	1.46	2.19	2.17	4.49	6.45	4.79	46.52	54.36	0.5
43	BELGREEN (R)	B-4	TVA	800	20	9.74	6.42	3.30	6.18	1.51	6.67	5.07	4.61	2.93	3.74	1.87	3.35	2.21	4.82	0.81	3.68	1.29	2.69	3.00	2.52	2.80	4.08	7.31	4.85	41.84	53.61	---
725	RUSSELLVILLE	B-4	TVA	740	2	9.60		2.60		#1.71		6.55		3.00		2.20		1.40		1.36		1.30		1.71		3.17		8.10		#42.70		7.0
725A	RUSSELLVILLE, NEAR	B-4	USWB	740	1	#8.19		2.68		1.36		5.85		2.87		1.48		1.54		2.46		1.26		2.08		#3.48		8.43		#41.68		---
568	TISBOMINGO	A-4	USWB	550	14	7.89	7.12	4.69	6.17	2.00	6.19	6.47	3.83	4.20	3.90	2.04	2.78	2.47	3.96	1.29	3.68	0.54	2.74	2.21	2.17	1.88	4.30	6.59	5.07	42.27	51.91	1.0
630	BELMONT, NEAR	A-4	TVA	585	12	8.09	8.12	4.60	7.73	#2.05	6.97	5.90	4.85	2.79	3.71	0.95	2.29	5.23	3.92	1.72	3.06	2.24	3.89	1.69	1.84	2.93	4.91	6.07	5.25	#44.26	56.54	2.5
493	RED BAY	A-4	TVA	627	14	8.21	6.79	4.76	6.12	1.77	6.47	6.85	4.14	3.92	3.82	1.03	2.62	5.55	3.90	0.72	4.06	0.52	2.58	2.63	2.06	2.34	4.84	6.33	5.31	44.63	52.71	5.2
480	BODGES	B-4	USWB	870	17	9.20	6.75	#3.55	6.56	2.14	6.30	5.77	4.59	2.97	3.74	1.84	3.96	4.60	4.47	1.86	4.05	1.23	2.63	3.12	1.73	3.77	4.26	7.59	5.06	#47.64	54.10	2.9
510	BEXAR	A-4	USWB	529	14	8.42	6.67	2.67	5.21	2.77	5.76	4.90	3.46	2.78	3.37	2.26	2.95	4.40	4.62	1.31	3.04	1.80	2.79	----	----	2.93	3.74	----	----	-----	-----	---
44	FULTON	A-4	USWB	335	46	6.95	4.62	4.74	5.53	2.01	5.42	5.36	4.62	3.08	4.74	0.90	3.86	3.29	4.57	2.21	3.59	1.05	2.75	2.23	2.83	1.86	3.50	6.31	5.72	39.99	51.75	2.8
360B	BALEYVILLE	B-4	USWB	910	--													EFFECTIVE OCTOBER 31, 1954								5.39		9.56		-----		---
360	BALEYVILLE	B-4	TVA	947	18	9.24	7.24	2.85	6.14	2.61	6.65	6.48	4.47	3.27	3.44	3.43	4.50	1.55	5.41	2.33	4.27	1.91	3.25	1.43	1.92	5.49	4.09	9.53	5.58	50.12	56.96	1.5
360A	BALEYVILLE (R)	B-4	USWB	947	14	8.83	6.89	2.68	5.66	2.83	6.41	5.29	3.78	PUBLICATION DISCONTINUED APRIL 30, 1954																-----	-----	---
45	WATERLOO	A-4	USWB	430	58	9.66	4.73	5.20	4.52	#2.57	5.68	5.47	4.89	3.11	4.37	1.01	3.98	3.85	4.22	3.08	3.89	1.55	2.99	1.08	3.38	2.12	3.72	4.42	5.35	#43.12	51.72	2.0
621	YOUNGS STORE, NEAR	B-4	TVA	790	10	9.77	8.09	4.77	6.68	2.44	6.49	5.46	4.48	3.27	3.98	1.23	2.94	2.15	4.60	1.90	3.34	2.01	3.15	1.16	1.86	2.44	5.42	5.17	5.60	41.77	56.63	1.8
462A	COLBERT STEAM PLANT (R)	B-4	TVA	479	3	8.37		4.99		1.84		5.22		4.56		2.35		1.97		1.46		1.89		1.98		2.58		6.33		43.54		---
	TENNESSEE RIVER - FLORENCE TO GUNTERSVILLE																															
48	FLORENCE, AT LOCK	B-4	USED	440	19	9.47	4.86	4.85	4.64	1.57	5.71	5.71	4.60	3.76	4.25	1.68	4.47	1.49	4.62	1.64	3.86	1.90	2.85	1.43	3.22	3.12	3.45	6.94	5.14	43.56	51.67	1.2
47	FLORENCE	B-4	USWB	598	58	REESTABLISHED JUNE 2, 1954										2.94	4.47	2.05	4.62	2.09	3.86	----	2.85	1.84	3.22	----	3.45	7.90	5.14	-----	-----	---
504	MUSCLE SBOALS	B-4	USWB	534	71	8.52	4.86	4.22	4.64	1.83	5.71	4.69	4.60	3.56	4.25	1.56	4.47	1.42	4.62	0.85	3.86	1.54	2.85	2.88	3.22	2.67	3.45	7.00	5.14	40.74	51.67	2.0
471	WILSON DAM	B-4	TVA	530	21	10.15	6.18	4.69	6.00	1.37	5.59	6.36	4.21	4.04	3.07	1.67	3.35	1.65	3.88	1.51	3.24	1.02	2.79	2.11	2.19	3.03	4.09	6.91	4.62	44.51	49.21	2.0
49	TVA NURSERY	B-4	TVA	505	20	9.84	6.22	4.91	6.21	1.65	5.61	5.51	4.36	3.71	3.14	1.35	3.21	1.61	3.96			STATIOR DISCONTINUED JULY 31, 1954								-----	-----	---
369	IRON CITY	B-3	TVA	605	35	9.23	5.78	#6.73	5.80	2.38	5.76	7.51	4.73	3.91	4.42	#2.07	3.81	2.28	4.55	1.53	4.34	0.93	3.51	2.16	2.28	2.37	3.88	5.61	5.45	#46.71	54.31	1.0
648	COLLINWOOD	B-3	TVA	950	6	8.28		4.58		3.28		6.18		4.32		5.60		2.13		2.52		2.29		3.39		2.19		5.27		50.03		1.5
681	OVILLA	B-3	TVA	970	7	8.31	9.48	5.09	6.32	3.49	6.33	5.17	4.75	3.12	3.33	2.54	3.68	2.02	4.30	2.27	2.80	3.08	2.73	1.24	1.95	1.89	4.55	5.11	5.80	43.33	56.02	0.3
51	LORETTO	B-3	TVA	840	27	9.22	6.50	5.54	5.84	2.56	6.56	7.38	4.93	3.47	4.18	1.71	3.35	4.86	4.77	2.39	4.02	1.05	2.89	2.08	2.90	2.76	4.34	6.44	4.90	49.46	55.18	0.8
691	LAWRENCEBURG	B-3	TVA	840	6	10.17	9.94	5.11	6.97	3.05	6.39	5.61	4.46	4.35	3.59	2.78	3.44	2.20	4.78	2.63	3.66	2.30	3.35	3.05	2.36	2.70	3.34	6.16	5.61	50.11	57.89	1.0
691A	LAWRENCEBURG	B-3	USWB	947	-														ESTABLISHED OCTOBER 1, 1954					2.05		2.14		5.40		-----		---
50	ETHRIDGE	B-3	TVA	975	19	9.17	6.35	5.09	6.10	3.43	5.16	5.43	4.35	3.61	3.61	2.55	3.15	2.63	4.58	1.90	3.52	2.41	2.90	1.93	2.31	2.33	4.21	5.63	4.60	46.11	50.84	1.0
644	NEWBURG	B-4	TVA	660	11	9.36	7.92	2.63	6.38	1.54	6.03	6.83	4.61	3.99	3.60	1.64	3.67	1.16	4.66	4.56	4.41	1.53	3.39	2.66	1.58	4.40	4.63	7.50	4.89	47.80	55.77	4.8
52	WHEELER DAM	B-4	TVA	580	19	10.92	6.65	2.85	6.15	1.61	5.99	5.99	4.21	4.75	3.23	2.18	3.39	0.69	4.33	1.29	3.36	0.92	2.51	2.23	2.10	2.86	4.08	8.77	5.07	45.06	51.07	2.0
682	SBOEMAKER SPRINGS	B-4	TVA	610	7	13.31	9.99	3.40	5.84	1.68	5.90	6.26	3.64	4.20	3.45	1.59	4.25	2.71	5.40	1.36	2.64	1.25	3.38	2.34	1.60	3.22	4.50	7.93	6.19	49.25	56.78	2.2
381	MOULTON (R)	B-4	TVA	630	16	7.71	6.07	2.84	6.06	1.24	5.86	5.14	3.49	3.16	3.11	2.36	3.63	1.15	3.72	1.34	3.89	1.20	2.57	3.31	1.40	3.73	3.62	7.51	4.37	40.69	47.79	---
53	CENTRAL TOWER	B-4	USFS	1500	20	9.53	6.01	#2.91	5.67	1.94	6.44	4.51	4.20	3.93	3.59	0.92	3.32	2.53	4.62	2.09	3.80	0.93	2.84	2.13	1.97	4.53	3.68	9.23	4.95	#45.18	51.09	1.0
481	ADDISON (R)	B-4	USWB	875	17	8.64	6.40	2.51	6.29	2.97	5.71	2.52	3.71	2.99	2.74	1.71	3.99	1.03	4.51	1.26	3.98	1.30	3.45	0.74	1.79	----	----	6.91	4.54	-----	-----	---
62	ATHENS, ALABAMA	C-4	TVA	710	20	12.44	6.99	2.41	5.73	1.80	6.29	5.48	4.15	4.86	3.33	1.43	3.35	6.45	4.38	0.79	3.48	0.73	2.87	2.65	2.46	3.99	4.20	8.50	5.33	51.53	52.56	2.0
63	DECATUR	C-4	USWB	573	76	9.33	4.63	2.10	4.43	1.24	5.62	5.03	4.48	3.61	3.83	1.11	3.79	1.38	4.35	1.67	3.91	0.96	2.37	2.75	3.07	3.33	3.20	8.08	5.04	40.59	48.72	3.0
63B	DECATUR NO. 4	C-4	TVA	575	8	8.60	8.51	1.96	5.77	1.60	6.36	4.73	3.94	3.31	2.93	1.13	3.40	1.58	4.04	1.86	3.07	1.02	3.22	2.94	1.66	3.57	4.96	7.96	5.50	40.26	53.36	1.8
411	DECATUR NO. 2 SUBSTA.	C-4	TVA	588	16	8.47	6.12	2.33	5.47	1.72	5.69	3.82	3.69	3.09	2.58	2.22	3.16	1.37	4.03	2.76	3.35	0.94	3.19	2.58	1.70	3.26	3.90	7.91	4.74	40.47	47.62	2.5
503	DANVILLE	B-4	TVA	595	14	8.63	6.19	2.45	5.46	#1.48	6.10	4.42	3.78	3.92	3.02	3.32	2.98	0.79	3.27	2.32	3.43	0.66	3.46	3.11	1.87	3.56	4.14	#7.98	5.00	#42.64	48.70	2.0
384	FALKVILLE	C-4	TVA	620	16	9.37	6.02	2.92	6.28	2.03	5.96	2.96	3.57	2.66	3.00	2.25	3.65	3.57	4.56	0.91	3.79	0.88	3.22	2.75	1.95	4.24	3.94	7.47	4.78	42.01	50.72	1.5
513	GARDEN CITY	C-4	USWB	504	14	8.70	5.85	3.95	5.44	3.44	6.18	2.41	4.02	4.58	3.32	3.63	3.37	3.55	4.71	4.06	4.19	1.65	3.22	1.46	2.37	4.38	4.00	4.77	5.85	46.58	52.52	0.9
474	BELLE MINA, NEAR	C-4	API	600	25	8.61	5.44	#2.35	5.23	2.89	5.86	3.78	3.73	3.93	3.29	0.73	3.08	1.31	4.65	1.05	3.62	0.75	3.20	2.07	2.41	3.08	3.77	7.58	5.11	#38.13	49.39	2.5
64	MADISON	C-4	USWB	670	61	7.96	4.63	3.06	4.58	1.78	5.73	3.72	4.83	3.93	3.99	1.09	4.26	1.58	4.62	3.75	3.79	1.34	3.01	2.12	3.39	2.76	3.52	6.46	5.36	39.55	51.71	2.0
65	HUNTSVILLE SUBSTA.	C-4	TVA	615	36	9.25	5.70	2.19	5.00	1.98	5.58	4.23	4.85	4.25	3.63	0.82	4.33	2.41	4.52	1.82	3.98	1.31	2.90	1.53	2.61	3.42	3.58	7.69	4.70	40.90	51.38	0.2
65A	HUNTSVILLE	C-4	USWB	620	14	9.11	4.73	2.67	4.60	3.97	5.76	3.15	4.82	4.37	3.99	0.50	4.31	----	4.69	DISCONTINUED JULY 16, 1954										-----	-----	---
66	CENTER GROVE	C-4	TVA	780	19	11.04	6.81	3.95	6.41	3.19	6.73	5.18	5.12	5.74	3.72	2.97	4.71	4.24	5.08	4.14	4.87	1.66	3.59	3.18	3.00	4.35	4.45	5.86	5.32	55.50	59.81	1.5
67	ST. BERNARD	C-4	USWB	802	48	8.58	5.51	3.85	4.92	5.36	5.97	3.83	4.84	5.00	4.49	2.61	4.27	0.81	5.32	2.53	4.66	1.08	2.79	1.20	3.74	4.87	3.72	5.64	5.53	45.36	55.76	T
576	FARLEY	C-4	TVA	641	13	10.34	6.19	#3.42	6.11	2.23	6.29	6.05	4.17	#3.74	3.55	1.28	3.15	2.55	3.28	1.40	2.72	1.00	3.93	1.14	2.05	4.19	4.04	7.02	4.94	#44.36	50.42	1.8
739	REDSTONE ARSENAL	C-4	USWB	573	-									ESTABLISHED AUGUST 16, 1954						----		0.98		1.42		3.17		7.19		-----		---

(#) Interpolatad or partly interpolatad. (R) Recorder at present.

ANNUAL 1954 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elav.	Yrs.of Record	JANUARY		FEBRUARY		MARCB		APR IL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Y E A R		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	TENNESSEE RIVER - FLORENCE TO GUNTERSVILLE (CONT'D)																															
530	MONTE SANO NO. 6	C-4	TVA	1650	14	10.32	7.17	2.73	5.89	2.13	6.55	5.32	4.37	4.62	3.69	0.80	4.33	2.68	4.94	0.85	3.55	1.30	4.27	0.96	2.39	3.66	4.80	7.85	5.82	43.22	57.77	6.0
506	TONEY (R)	C-4	TVA	750	14	13.10	6.97	2.91	5.54	1.61	5.44	5.53	3.62	4.15	2.90	1.58	2.60	3.99	4.44	1.15	2.56	0.62	3.28	1.59	1.84	3.51	4.03	7.85	5.21	47.59	48.43	---
624	NEW MARKET (R)	C-4	TVA	760	12	12.43	7.88	3.87	5.91	1.71	6.21	4.07	4.18	3.24	3.79	2.28	3.57	3.22	4.71	0.53	2.80	0.57	3.60	1.19	1.90	2.91	4.69	7.40	5.28	43.42	54.52	---
585	ELORA	C-3	TVA	920	13	12.73	6.82	4.00	5.97	1.95	5.70	3.94	4.19	4.03	3.64	4.95	4.22	5.18	4.02	1.72	3.34	0.59	3.57	2.33	2.20	3.19	4.43	8.45	5.81	53.06	53.91	2.5
69	PAINT ROCK (R)	C-4	TVA	610	19	11.54	6.62	2.64	6.09	2.28	6.23	5.43	4.66	3.44	3.10	2.23	4.03	2.87	4.56	1.38	4.07	1.08	3.72	2.29	2.32	4.08	3.95	7.72	5.19	46.98	54.54	---
385	SWAIM	C-4	TVA	665	16	11.58	6.60	3.31	6.71	2.06	6.42	4.15	4.20	3.75	3.83	4.11	4.08	7.27	4.91	1.27	3.84	1.16	3.54	2.59	2.11	3.71	4.39	7.97	5.55	52.93	56.18	0.6
78	HYTOP	C-4	TVA	1615	20	9.93	6.92	3.30	6.38	#2.38	6.72	4.66	5.08	3.84	4.09	2.16	4.12	#3.68	5.81	0.89	3.55	1.57	3.66	2.19	2.85	4.63	4.81	9.19	5.79	#48.42	59.78	3.5
	ELK RIVER																															
54	BETHEL	B-3	TVA	650	20	10.91	6.95	3.13	6.15	1.95	6.06	7.55	4.40	5.24	3.95	4.63	3.15	1.19	5.21	3.87	3.61	1.19	3.60	1.56	2.62	2.69	4.45	8.56	4.83	52.47	55.00	0.5
382	PULASKI	B-3	TVA	760	16	9.29	6.65	4.40	6.86	2.70	5.84	7.09	3.94	4.42	3.54	2.58	3.22	1.32	4.01	0.65	3.87	1.07	3.47	1.53	2.06	2.67	4.28	7.56	4.84	45.28	52.58	0.5
56	LYNNVILLE, NEAR	B-3	USWB	744	66	9.52	5.48	4.95	5.78	3.28	6.16	5.94	4.67	3.60	4.45	1.96	3.85	2.58	4.69	1.63	4.27	3.25	2.77	3.23	2.95	2.57	4.56	6.41	4.99	48.92	54.62	1.0
57	COLDWATER	C-3	USWB	645	59	11.54	5.38	3.12	5.42	3.06	6.14	5.73	4.53	6.54	4.36	2.21	3.70	2.36	4.20	2.53	4.07	2.54	2.96	2.49	3.11	3.06	4.19	8.93	5.08	54.11	53.14	3.1
581	BOONSHILL	C-3	TVA	680	13	10.51	7.77	#3.19	6.69	2.64	6.16	5.95	4.08	5.87	4.02	2.51	3.48	0.78	3.81	2.13	3.78	1.84	3.96	3.34	2.20	2.84	4.26	8.69	5.65	#50.29	55.86	0.3
58A	FAYETTEVILLE	C-3	TVA	700	3	#11.29		2.88		2.36		4.95		#6.05		#1.47		#2.22		#2.07		0.45		#2.88		3.59		8.81		#49.02		4.2
58	FAYETTEVILLE	C-3	USWB	695	39	8.65	5.22	2.90	5.15	2.80	5.88	4.84	3.91	5.94	4.14	2.07	3.52	3.25	4.87	2.07	4.03	1.99	3.06	2.68	3.04	3.39	4.30	9.54	4.82	50.12	51.94	2.6
605	BELLEVILLE	C-3	TVA	755	13	10.59	8.01	2.76	6.88	2.52	6.24	5.66	4.23	5.92	4.46	2.30	4.00	4.89	5.40	1.60	2.89	1.37	3.99	4.54	2.57	3.01	4.49	8.68	5.91	53.84	59.07	1.6
383	PETERSBURG	C-3	TVA	826	16	9.93	7.49	2.72	6.86	2.96	5.70	5.25	4.02	6.69	4.15	1.48	3.87	1.35	5.05	1.82	3.54	2.40	3.41	2.81	2.08	3.11	4.20	7.96	5.08	48.48	55.45	0.5
582	LYNCHBURG	C-3	TVA	780	13	11.46	7.64	4.68	6.34	2.72	6.26	5.34	3.84	4.68	4.08	2.69	3.77	2.66	4.32	2.44	3.44	3.49	4.61	2.63	2.12	3.07	4.47	9.00	5.84	54.86	56.73	T
60	BELVIDERE (R)	C-3	TVA	970	19	11.35	6.19	3.65	5.01	2.51	5.16	4.26	3.88	5.11	3.37	3.67	3.84	5.87	5.07	1.15	3.68	0.74	3.33	2.18	2.24	2.86	3.71	8.68	4.53	52.03	50.01	---
61	TULLAHOMA	C-3	USWB	1065	68	10.43	5.46	3.24	5.56	3.46	6.05	4.08	4.65	4.13	4.03	6.50	3.96	6.00	4.88	2.36	3.80	3.00	2.99	1.82	2.96	2.89	4.38	10.49	5.45	58.40	54.17	0.3
450	WINCHESTER SUBSTA.	C-3	TVA	960	15	11.57	6.74	3.80	5.49	2.55	5.31	3.61	3.84	5.07	3.88	6.34	4.42	2.95	5.28	2.54	3.78	0.84	3.66	2.86	2.41	3.02	3.92	8.90	5.03	54.05	53.76	1.0
701	HILLSBORO	D-3	TVA	1051	5	10.46		3.49		2.94		4.59		4.83		3.93		2.26		2.63		2.12		2.68		3.55		9.44		52.92		T
472	MONTEAGLE	D-3	USWB	1920	15	12.56	5.53	4.64	5.34	3.14	6.44	3.57	5.23	5.07	4.46	3.81	4.28	2.97	5.63	3.60	4.41	1.50	3.24	2.54	3.23	2.98	4.57	9.09	5.73	55.47	58.09	9.5
	TENNESSEE RIVER - GUNTERSVILLE TO CHICKAMAUGA																															
70	GUNTERSVILLE DAM	C-4	TVA	611	19	8.51	5.86	3.02	5.50	4.38	6.10	3.52	4.40	4.09	3.05	1.17	3.74	2.94	4.18	1.04	3.71	1.37	3.05	1.58	2.35	4.03	3.52	4.32	4.72	39.97	50.18	1.0
403	GUNTERSVILLE (R)	C-4	TVA	610	16	8.83	6.12	2.70	5.41	3.97	6.38	5.08	3.99	4.86	3.04	3.01	3.76	1.47	3.78	0.19	3.82	1.00	3.20	0.58	2.34	2.85	3.43	4.79	5.08	39.33	50.35	---
71	GUNTERSVILLE	C-4	USWB	618	45			RE-ESTABLISHED JUNE 4, 1954								----	3.92	2.75	4.93	0.63	4.13	0.90	3.15	0.63	3.07	----	3.28	----	5.19	-----	-----	---
72	ALBERTVILLE	C-4	USWB	1050	29	7.59	5.15	3.33	4.88	2.85	6.29	3.33	4.66	4.11	4.21	3.68	4.24	2.97	5.01	1.07	4.41	0.72	3.17	0.45	3.27	4.19	3.72	5.28	5.36	39.57	54.37	0.5
482	BOAZ (R)	C-4	USWB	1010	13	8.16	5.91	3.75	5.34	3.58	6.39	3.04	4.03		PUBLICATION DISCONTINUED APRIL 30, 1954															-----	-----	---
482A	BOAZ	C-4	USWB	1010	17	8.09	5.58	3.65	5.51	2.94	6.50	3.79	4.33	3.01	3.65	6.48	4.38	1.81	4.28	1.52	4.28	0.67	3.34	0.43	1.89	3.17	3.98	5.64	5.34	41.20	53.06	1.0
524	SAND MT. STATE FARM	D-4	API	1195	14	7.65	6.14	3.18	5.82	4.36	6.94	3.79	4.42	2.57	3.39	1.97	3.73	3.31	3.88	0.67	4.17	1.05	3.65	0.37	2.41	3.58	4.23	7.22	6.31	39.72	55.09	4.0
483	COLLINSVILLE	D-4	USWB	825	17	8.24	6.31	2.87	6.14	4.26	6.75	2.55	4.38	2.22	3.65	2.15	3.84	2.42	4.62	1.50	4.25	0.81	3.58	0.36	2.07	2.71	4.13	#6.68	5.24	#36.77	54.96	0.5
515	LEESBURO	D-4	USWB	636	62	10.03	5.16	#3.06	5.33	4.59	6.17	3.20	4.65	1.97	3.81	2.76	4.02	3.30	5.35	1.75	4.06	0.67	2.97	0.56	3.23	2.45	3.41	6.45	5.78	#40.79	53.94	1.0
75	SOUTH BILL	C-4	TVA	980	19	8.08	6.70	2.71	5.74	4.73	6.42	4.10	4.76	2.53	3.76	7.03	3.91	2.11	4.43	0.45	4.16	0.94	3.38	0.57	2.55	#2.81	3.78	5.29	5.51	#41.35	55.10	2.4
79	FORT PAYNE (R)	D-4	USWB	920	13	----	----	----	----	5.02	6.60	3.07	3.86		PUBLICATION DISCONTINUED APRIL 30, 1954															-----	-----	---
79A	FORT PAYNE	D-4	USWB	920	19	8.76	6.41	3.09	5.79	4.34	6.48	4.24	4.66	2.60	3.37	2.70	3.92	3.06	4.38	1.22	3.66	1.11	3.09	0.33	2.29	2.94	3.61	6.04	4.95	40.43	52.61	2.0
80	VALLEY HEAD	D-4	USWB	981	68	7.41	4.85	4.19	4.84	#4.10	5.65	4.23	5.08	3.17	4.26	1.37	4.29	0.66	5.01	0.41	4.56	0.36	2.55	#0.92	3.45	2.63	3.16	#6.47	5.17	#35.92	52.87	2.0
386	SYLVANIA	D-4	TVA	1400	16	9.32	6.28	2.52	6.32	4.12	6.33	4.26	4.16	3.47	3.49	2.74	4.36	3.26	4.14	3.00	3.46	1.39	3.59	1.00	2.01	2.84	3.91	6.16	5.45	44.08	53.50	2.0
76	SCOTTSBORO	C-4	USWB	637	73	#9.88	4.82	2.63	4.84	4.75	5.81	#3.28	4.81	4.18	3.98	2.85	4.42	3.29	4.97	0.51	4.14	0.76	2.84	1.17	3.27	4.23	3.28	6.44	5.47	#43.97	52.65	T
76A	SCOTTSBORO SUBSTA.	C-4	TVA	660	8	9.67	7.43	2.64	5.86	3.05	7.16	4.69	4.35	4.15	4.20	2.57	3.90	3.30	5.16	1.02	4.05	0.84	3.68	0.66	2.76	3.74	4.98	6.39	5.77	42.92	59.30	T
695	PLEASANT GROVE SCHOOL	D-4	TVA	633	6	10.89		3.07		1.89		3.69		4.57		6.95		4.31		1.80		1.48		2.10		3.44		7.57		51.76		T
387	FLAT ROCK (R)	D-4	TVA	1380	16	8.47	5.69	2.57	5.74	2.97	5.94	3.71	3.63	3.41	3.55	3.15	3.40	2.55	3.97	1.04	3.31	0.96	2.80	0.62	1.93	3.63	3.80	6.09	4.86	39.17	48.62	---
704A	WIDOWS CREEK STEAM PLANT (R)	D-4	TVA	612	5	11.54		3.40		2.61		2.85		3.31		3.91		3.60		0.47		0.80		1.16		3.33		6.56		43.54		---
83	BRIDGEPORT	D-4	USWB	690	58	11.97	4.81	3.36	4.84	3.22	5.96	2.03	4.68	3.48	4.18	4.17	4.17	3.54	4.89	0.91	4.06	1.05	2.65	1.46	3.25	2.76	3.32	8.40	5.37	46.35	52.18	T
84	SEWANEE	D-3	TVA	1925	61	13.57	5.43	4.19	5.27	3.20	6.20	6.05	4.94	6.67	4.40	3.96	4.64	2.98	5.63	1.72	4.38	1.12	3.15	2.29	3.21	3.25	4.61	7.39	5.33	56.39	57.19	4.5
451	JASPER SUBSTA.	D-3	TVA	650	15	12.14	6.58	3.04	5.67	3.47	6.70	3.32	4.06	3.67	3.47	3.78	3.82	2.97	5.03	1.84	3.24	1.38	3.19	1.42	2.52	2.73	4.38	10.59	6.05	50.35	54.71	T
85	LOCKHART TOWER	D-3	TVA	2400	19	11.33	7.24	3.62	6.25	3.23	6.63	2.76	4.66	4.13	4.14	3.72	4.50	4.32	6.20	5.74	5.00	1.21	2.91	2.60	2.96	2.78	4.56	8.79	5.80	54.23	60.85	5.1
86	DUNLAP	D-3	TVA	730	31	10.47	6.14	3.38	5.05	3.62	5.51	#3.25	4.47	4.08	3.38	2.42	4.11	4.01	5.43	8.63	4.18	1.32	3.23	1.58	2.69	2.64	3.56	8.67	5.26	#54.07	53.01	T
438	CAGLE (R)	D-3	TVA	2120	15	10.38	6.26	3.13	5.32	3.62	5.77	6.09	4.09	4.33	3.25	1.64	3.37	3.33	4.45	7.22	4.42	1.60	3.11	1.17	2.47	2.88	3.61	7.81	5.27	53.20	51.39	---
389	COLLEGE JUNCTION	D-3	TVA	870	16	10.61	5.88	3.37	5.49	4.60	5.52	3.02	3.72	4.13	3.65	1.38	4.03	1.63	4.44	6.32	3.84	0.87	3.04	1.35	2.22	3.01	3.70	7.46	5.00	47.75	50.53	T
390	LITTON	D-3	TVA	980	16	10.51	6.24	3.64	5.97	4.90	5.67	3.36	3.96	4.59	3.65	3.14	4.19	1.52	5.40	2.38	4.10	1.84	3.10	2.34	2.15	2.90	3.97	8.30	5.40	49.42	53.80	1.5
452	HALES BAR DAM	D-3	TVA	650	15	10.36	5.56	3.83	5.25	3.09	5.52	2.21	3.65	3.77	3.15	4.40	3.83	3.60	4.52	1.41	2.89	1.43	2.94	1.78	2.21	2.71	3.67	9.27	5.17	47.86	48.36	T
692	SIGNAL MOUNTAIN	D-3	TVA	1720	6	12.44	8.43	3.36	5.08	3.20	6.78	3.35	3.93	3.86	3.58	4.70	5.11	1.99	5.97	2.57	3.15	1.34	4.21	1.50	3.16	3.93	3.32	11.03	6.83	53.27	59.55	4.3
669	RISING FAWN	D-4	TVA	820	8	9.50	7.06	2.71	4.89	3.77	6.02	3.63	3.60	3.44	3.51	4.55	4.11	2.41	5.64	0.96	2.87	0.83	3.49	0.83	2.63	3.17	4.64	6.57	5.16	42.37	53.62	1.5
391	LOOKOUT MOUNTAIN	D-4	TVA	1970	24	11.78	6.08	4.05	5.66	.81	5.96	3.21	3.94	4.11	3.94	4.99	4.36	2.68	5.40	1.98	4.14	0.77	3.48	1.96	3.03	4.37	4.06	7.78	5.33	51.49	55.38	2.7
628	FLINTSTONE	D-4	PRIVATE	710	12	9.93	6.61	3.68	5.41	3.73	6.52	2.30	4.26	3.73	3.53	2.66	3.79	2.28	5.08	1.57	2.89	1.23	3.87	1.35	3.14	4.58	4.53	7.78	5.08	44.82	54.71	0.2
488	CHATTANOOGA AIRPORT (R)	D-3	USWB	671	76	10.47	5.23	3.58	5.11	3.82	6.05	1.72	4.53	3.79	4.16	2.03	4.21	4.09	5.34	2.71	3.70	3.45	2.69	1.23	3.24	5.06	4.03	8.67	5.31	50.62	53.60	0.1
566	CHICKAMAUGA PARK	D-4	USDI	789	14	9.84	6.29	3.63	5.68	3.53	6.16	2.83	3.76	4.00	3.28	2.06	3.87	4.00	6.01	3.34	3.87	0.95	3.71	4.27	3.04	5.04	4.04	8.43	5.65	51.92	55.36	T
722	KENSINGTON	D-4	TVA	820	2	9.49		3.25		4.28		4.57		3.99		2.15		2.39		0.50		0.80		2.89		3.49		7.36		45.16		T
82	LAFAYETTE	D-4	USWB	810	20	10.57	5.32	2.15	5.63	4.50	5.22	#3.34	5.34	6.00	3.53	2.95	4.86	1.27	5.26	0.19	4.56	0.45	3.36	0.90	2.69	3.00	3.63	7.20	4.86	#42.52	54.26	T
721	RINGGOLD	D-4	TVA	820	2	10.78		3.53		4.48		2.95		4.27		2.41		2.81		2.66		0.50		2.60		3.70		7.54		48.23		T
392	TUNNEL HILL	D-4	TVA	880	16	9.57	5.68	2.83	5.90	4.72	5.94	3.14	3.50	4.61	3.60	1.11	4.00	1.29	4.20	3.79	4.23	0.49	3.51	1.49	2.52	3.05	3.69	6.23	4.98	42.32	51.75	3.3
396	DALTON	E-4	USWB	800	17	9.40	6.51	3.40	6.05	7.65	5.65	5.01	4.93	4.61	4.03	#2.02	4.15	2.58	5.11	2.41	5.12	0.58	3.11	1.86	3.06	#3.77	4.06	7.71	4.84	#51.00	56.62	T

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1954 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Y E A R		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	CANEY FORK ABOVE ROCK ISLAND																															
88	ROCK ISLAND POWERHOUSE	D-3	TVA	900	50	12.62	5.08	3.66	5.23	5.43	5.83	3.97	4.04	4.27	3.93	3.01	3.92	1.91	4.96	3.06	4.31	2.90	3.24	2.70	2.92	2.95	3.94	8.43	4.85	54.91	52.25	1.1
665	SMITHVILLE	D-3	USWB	1030	10	12.08	5.28	4.02	4.92	4.52	5.64	DISCONTINUED APRIL 14, 1954																		-----	-----	---
439	DIBRELL	D-3	TVA	950	15	12.19	6.35	3.38	5.49	5.66	5.50	4.14	3.69	4.04	3.77	2.32	4.17	2.20	4.70	2.09	3.86	2.90	3.45	2.39	2.10	2.20	3.99	9.38	4.94	52.89	52.01	T
440	IRVING COLLEGE	D-3	TVA	1050	15	10.61	5.33	3.18	4.95	3.88	4.85	4.82	3.43	4.51	3.16	3.48	3.72	2.29	4.04	3.67	3.53	2.73	3.02	2.95	1.98	1.98	3.35	8.67	4.39	52.77	45.75	1.3
441	ALTAMONT	D-3	TVA	1920	15	11.90	6.89	3.36	6.01	3.20	6.01	4.34	4.33	5.20	3.69	3.18	4.15	2.72	4.27	4.35	3.93	1.65	3.39	1.69	2.18	3.43	4.19	9.25	5.69	54.27	54.73	5.0
87	MCMINNVILLE	D-3	USWB	1015	72	11.95	5.08	3.57	5.30	5.56	5.71	3.61	3.94	4.51	4.00	4.63	4.27	1.96	4.82	2.25	4.18	4.96	3.12	2.33	2.91	2.41	3.67	8.78	4.78	56.52	51.78	1.0
87B	MCMINNVILLE	D-3	TVA	1000	13	12.29	6.99	3.29	6.03	5.55	5.27	4.18	3.60	3.73	3.98	4.79	4.21	2.95	4.85	3.39	3.92	3.56	3.77	3.16	2.06	2.33	3.95	8.28	5.35	57.50	53.98	1.6
442	TROUSDALE	D-3	TVA	980	15	10.98	6.19	3.88	5.82	4.46	5.21	5.08	3.61	5.47	3.55	4.73	3.71	1.97	3.84	2.81	3.99	2.15	3.27	2.45	2.10	2.90	3.84	#9.28	4.99	#56.16	50.12	T
443	SUMMITVILLE (R)	D-3	TVA	1120	15	11.52	6.56	3.71	6.03	3.66	5.55	4.19	3.71	4.69	3.69	3.59	3.67	2.12	4.12	2.32	3.64	2.39	3.23	2.69	2.24	2.67	3.85	9.37	5.11	52.92	51.40	---
437	ROCKY RIVER	D-3	TVA	900	15	11.97	5.93	3.86	5.46	5.56	5.33	4.30	3.76	3.94	3.53	2.49	4.71	1.27	4.77	5.51	4.55	3.22	3.36	3.66	2.32	2.82	3.68	9.36	4.82	57.96	52.22	2.7
432	SPARTA SUBSTA.	D-3	TVA	920	38	13.41	5.50	3.54	4.46	4.94	5.61	4.55	4.26	4.23	4.00	8.26	4.98	2.91	5.28	3.76	4.47	4.39	3.40	2.35	2.70	2.51	3.51	8.16	4.83	63.01	53.00	3.0
432A	SPARTA, NEAR	D-3	USWB	900	15	12.73	7.25	3.61	5.75	4.48	5.10	4.53	3.94	4.13	3.95	5.12	4.13	2.33	4.64	3.56	3.80	3.80	3.75	1.70	2.19	1.66	4.22	8.04	5.00	55.69	53.72	2.0
433	TAYLORS	D-2	TVA	950	15	13.00	6.47	3.65	5.34	4.61	5.45	3.82	3.80	3.13	3.84	3.98	4.32	1.25	4.59	2.14	3.58	3.72	3.59	2.89	2.17	2.43	3.93	7.87	5.26	52.49	52.34	4.6
165	MONTEREY	D-2	USWB	1900	23	12.94	6.68	4.09	5.88	5.55	5.89	5.52	4.25	3.18	4.52	4.38	4.93	2.85	5.51	3.14	5.79	4.01	3.56	2.96	2.73	3.22	4.48	9.01	4.94	60.85	59.16	13.9
165A	MONTEREY (R)	D-2	USWB	1900	6	11.12	6.68	3.85	5.88	5.06	5.89	4.22	4.25	DISCONTINUED APRIL 30, 1954																-----	-----	---
434	EASTLAND	D-3	TVA	1750	37	12.05	6.07	3.66	5.10	5.22	6.35	4.89	5.01	4.64	4.12	1.39	5.15	1.66	5.55	4.56	4.59	3.86	3.69	3.26	3.15	2.74	3.50	8.75	5.50	56.68	57.78	8.4
435	HERBERT	D-3	TVA	1685	15	11.25	5.76	3.67	5.33	4.29	5.11	4.91	3.94	4.30	3.18	3.87	3.76	2.12	4.43	1.89	3.74	1.26	2.81	2.90	2.15	2.89	3.31	7.44	4.84	50.79	48.36	9.1
436	FALLS CREEK PARK	D-3	TVA	1500	15	10.31	5.77	3.45	5.53	4.72	5.17	4.16	3.84	2.70	3.35	1.55	3.79	1.61	5.40	3.08	4.14	2.03	3.17	2.40	2.36	3.20	3.68	8.00	5.16	47.21	51.36	6.1
	TENNESSEE RIVER - CHICKAMAUGA TO WATTS BAR																															
90	CHICKAMAUGA DAM	D-3	TVA	700	19	11.17	6.66	3.38	5.51	3.70	5.87	2.70	4.32	3.25	3.62	2.47	4.15	3.55	5.22	2.24	3.48	0.20	3.07	2.51	2.83	4.15	3.98	9.56	5.72	48.88	54.43	T
430	OOLTEWAH	D-3	TVA	765	15	#11.15	6.13	4.27	5.29	3.60	5.90	2.54	3.47	3.19	3.28	2.44	3.67	2.34	4.97	3.31	4.42	0.39	3.19	1.57	2.83	4.42	3.64	7.22	5.26	#46.44	52.05	1.0
393	LEWIS CHAPEL	D-3	TVA	1850	16	11.36	6.93	3.61	6.15	4.29	6.74	3.16	4.23	4.98	3.80	3.10	4.34	3.44	4.81	9.69	4.36	0.93	3.17	1.33	2.45	3.12	4.26	9.64	5.95	58.65	57.19	5.0
685	FRIENDSHIP SCHOOL	D-3	TVA	760	7	11.03	8.56	3.32	4.85	3.97	7.02	2.45	3.24	4.43	3.93	1.48	4.39	3.36	6.15	7.81	5.05	0.83	3.45	1.09	2.85	3.39	4.93	9.27	6.54	52.43	60.96	0.6
420	MORGANTOWN	D-3	TVA	740	15	10.45	6.15	3.30	5.40	4.29	6.14	2.36	4.14	4.11	3.57	1.61	4.43	2.62	5.54	4.73	4.26	0.51	3.23	1.02	2.58	2.98	4.00	9.08	5.71	47.06	55.15	0.7
92	MORGAN SPRINGS	D-3	TVA	1900	20	10.61	7.18	3.21	5.83	5.13	6.08	3.20	4.67	4.00	3.99	1.35	4.68	3.61	5.67	5.21	5.06	0.64	3.05	1.02	3.32	2.94	4.51	9.19	5.65	50.11	59.69	6.0
155	DECATUR	E-3	USWB	865	59	#10.23	5.47	3.45	5.00	5.34	5.72	2.33	4.53	5.34	4.24	2.07	3.92	1.63	5.02	2.48	4.67	0.53	2.96	#1.36	3.12	3.21	4.30	9.10	5.24	#47.07	54.19	---
726	MURRAY STORE (R)	E-3	TVA	950	2	10.96		2.94		5.54		2.34		3.16		1.30		0.48		3.39		0.66		2.69		3.00		9.36		45.82		---
427	RIDDLES STORE	E-3	TVA	980	15	11.51	6.07	3.43	5.36	5.92	5.68	3.78	3.74	3.59	3.67	2.24	3.58	1.46	5.50	2.43	4.19	0.61	3.21	1.79	2.86	3.46	3.84	10.37	5.20	50.59	52.90	T
494	PORTER LAKE	E-3	TVA	740	14	10.97	6.37	3.06	5.18	5.58	5.95	2.26	4.05	4.94	3.74	1.31	3.55	1.87	4.79	2.38	3.17	0.60	3.35	2.19	2.92	3.40	4.21	9.02	5.53	47.58	52.81	1.0
	TENNESSEE RIVER - WATTS BAR TO KNOXVILLE																															
421	WATTS BAR DAM	E-3	TVA	830	15	10.29	6.06	2.87	5.34	5.31	5.83	2.22	4.09	4.89	3.83	1.41	3.78	3.20	5.05	1.55	3.10	1.70	3.26	2.44	2.73	3.50	3.98	9.41	5.32	48.79	52.37	T
157	RODDY (R)	E-3	TVA	765	19	10.17	6.30	2.78	5.39	3.85	5.38	1.75	4.11	4.39	3.61	2.47	3.36	0.51	5.24	1.85	3.21	0.78	2.84	2.38	2.61	3.08	3.86	11.75	5.54	45.76	51.45	---
479	ROCKWOOD	E-3	PRIVATE	910	36	11.04	5.62	3.26	5.53	4.78	5.48	2.03	4.19	3.50	4.13	1.81	4.00	1.53	5.18	2.02	3.68	1.44	3.53	2.87	2.35	3.08	4.29	11.67	5.53	49.03	53.51	T
170	LOUDON	E-3	USWB	800	60	-----	5.27	2.43	5.27	----	5.47	----	4.25	2.62	4.02	2.29	3.80	0.78	5.08	2.49	3.87	0.86	2.83	2.14	2.69	3.27	3.83	7.00	4.96	-----	51.34	T
490	FORT LOUDOUN DAM (R)	E-3	TVA	880	14	11.97	5.91	2.15	5.14	4.68	5.01	2.88	3.34	2.63	3.37	2.13	2.69	1.63	5.81	1.88	2.83	1.05	3.25	1.35	2.49	2.99	3.68	7.17	4.82	42.51	48.34	---
490A	FORT LOUDOUN DAM	E-3	TVA	880	14	12.56	5.99	2.02	5.16	4.78	5.04	3.23	3.38	2.80	3.44	2.18	2.74	1.73	5.88	2.02	2.85	1.09	3.31	1.54	2.48	3.28	3.74	7.50	4.84	44.73	48.85	T
637	U. S. COTTON FIELD STA..	F-3	USDA	885	20	12.43	6.02	2.35	4.90	5.99	5.15	2.50	3.77	3.47	3.55	3.30	3.59	4.17	5.32	1.58	3.40	0.96	2.67	1.02	2.25	3.84	3.56	6.89	4.23	48.50	48.41	---
735	LAKEMONT NO. 2	F-3	TVA	817	1	11.92		2.38		5.23		#2.51		3.42		#2.56		4.78		1.47		1.06		1.12		3.69		6.21		#46.35		9.5
409	KNOXVILLE AIRPORT (R)	F-3	USWB	984	16	11.74	4.54	3.14	4.73	4.67	4.83	2.24	3.64	3.55	3.58	2.32	3.47	3.34	4.72	0.77	3.43	1.30	2.53	0.64	2.63	3.40	3.15	5.97	4.26	43.08	45.51	9.7
394	PROVIDENCE	F-3	TVA	1100	16	11.89	5.21	1.85	4.73	6.14	5.05	3.80	3.33	2.97	3.45	4.02	3.68	2.13	4.63	3.27	3.69	1.29	2.67	1.04	2.03	3.86	3.50	5.94	4.11	48.20	46.08	12.3
716	WILDWOOD, NEAR	F-3	TVA	885	4	12.56		1.85		5.49		3.85		3.12		4.71		4.43		1.38		1.14		1.18		4.20		6.50		50.41		7.8
715	TOWNSEND	F-3	TVA	1047	4	11.12		2.03		7.14		5.99		3.48		3.54		2.59		2.54		1.11		0.93		3.61		4.81		48.89		11.5
473	UNIV. TENNESSEE FARM (R)	F-3	UT	800	17	11.84	5.36	2.22	5.34	5.83	5.02	2.45	3.73	3.13	3.79	3.48	4.00	3.98	5.84	1.61	3.48	1.04	2.88	1.62	1.95	3.11	3.69	7.24	4.42	47.55	49.50	---
473A	UNIV. TENN. FARM LYSIMETER PLOT	F-3	UT	850	35	11.55	4.73	2.25	5.01	5.58	5.05	2.53	4.14	3.07	4.12	3.52	4.17	4.11	5.56	1.92	4.09	1.13	2.74	1.36	2.68	2.97	3.48	7.08	4.67	47.07	50.44	---
651	UNIV. TENN. GEOLOGY BLDG.	F-3	UT	974	84	10.83	4.54	1.97	4.73	5.17	4.83	2.25	3.64	2.88	3.58	2.64	3.47	3.35	4.72	1.75	3.43	1.10	2.53	1.64	2.63	2.73	3.15	6.59	4.26	42.90	45.51	2.0
655	RITTA	F-2	TVA	1030	10	10.94	7.15	2.21	5.22	6.73	5.29	3.81	3.20	3.15	4.04	2.32	3.69	4.35	4.16	2.16	3.43	2.29	2.59	1.80	2.29	3.13	4.45	7.41	4.79	50.30	50.30	7.0
	CLINCH RIVER BELOW NORRIS DAM																															
158	KINGSTON	E-3	USWB	760	63	10.73	5.03	2.80	5.05	4.66	5.19	2.09	4.14	4.07	4.07	1.17	3.95	2.09	4.54	2.31	4.27	1.69	3.01	2.36	2.65	3.02	4.03	9.38	4.86	46.37	50.79	---
712	KINGSTON STEAM PLANT (R)	E-3	TVA	760	4	10.69		2.41		4.90		1.97		2.77		1.43		1.87		1.67		0.99		2.77		2.81		9.06		43.34		---
484	HARRIMAN (R)	E-3	TVA	765	33	10.48	5.04	2.84	5.11	4.82	5.82	2.07	4.35	4.57	3.93	3.74	4.20	3.99	5.66	1.78	3.32	1.40	3.08	3.65	2.55	2.73	3.77	10.58	5.05	52.65	51.88	---
167	PETROS	E-2	TVA	1400	20	12.65	7.17	3.23	6.02	5.69	5.98	3.49	4.40	3.88	4.68	3.42	4.42	4.13	5.58	2.83	4.82	2.46	3.31	4.81	2.99	2.93	4.53	11.53	5.95	61.05	59.85	8.0
736	WARTBURG. NEAR	E-2	TENN	1315	1	10.21		4.05		4.23		#3.02		3.28		1.66		2.61		2.73		2.29		3.04		2.85		9.40		#49.37		7.0
160	PILOT MOUNTAIN	E-2	TVA	1280	19	#10.06	6.01	3.45	4.96	4.14	4.80	3.84	3.59	3.88	4.21	1.29	3.81	3.61	4.58	2.07	4.35	2.87	2.98	2.86	2.35	2.95	3.47	8.77	4.49	#49.79	49.60	7.0
485	SUNBRIGHT (R)	E-2	USWB	1430	15	8.16	6.29	----	----	----	----	----	----	----	----	----	----	----	----	2.31	3.87	5.02	3.11	----	----	2.43	3.69	7.25	4.94	-----	-----	---
164	CLARKRANGE	D-2	TVA	1800	19	10.38	6.24	3.27	4.78	4.60	4.89	3.49	3.71	2.94	3.80	3.78	3.79	3.87	4.58	3.67	3.84	4.22	2.99	2.32	2.15	2.81	3.79	7.73	4.60	53.08	49.16	13.5
159	HEBBERTSBURG	E-2	TVA	1770	20	10.82	6.04	3.79	5.53	4.19	5.16	3.95	4.14	3.95	3.82	3.90	3.84	3.55	5.54	3.27	4.16	1.99	3.12	2.60	2.61	2.85	3.95	7.90	5.07	52.76	52.98	5.8
163	CROSSVILLE, NEAR	D-2	USWB	1920	43	11.95	5.14	3.75	5.34	5.12	5.42	5.04	4.39	4.65	4.13	3.04	4.20	1.78	5.19	1.70	5.11	3.42	3.07	4.44	2.87	3.89	3.94	9.52	5.06	58.30	53.86	7.8
507	LANTANA (R)	D-3	TVA	1910	14	10.89	6.61	3.92	5.22	5.40	5.23	3.18	3.68	4.56	3.41	4.13	3.53	0.15	4.02	1.25	3.28	2.24	3.10	3.04	2.12	2.85	3.59	8.38	5.63	49.99	49.42	---
699	BIG LICK	D-3	TVA	1840	5	10.73		3.45		5.28		4.37		5.39		3.55		1.15		3.29		1.55		2.76		3.22		9.87		54.61		8.0
418	FRANKFORT	E-2	TVA	1460	15	8.95	7.18	3.14	4.98	3.87	5.11	2.10	2.85	2.53	3.31	4.26	3.41	2.97	4.46	3.59	3.35	2.96	2.68	2.66	2.07	3.07	3.94	7.72	5.15	47.82	48.49	7.3
417	CROSSVILLE	D-3	TVA	1850	15	11.03	5.89	3.92	5.32	4.31	5.48	3.38	3.70	4.27	3.72	DISCONTINUED MAY 31, 1954														-----	-----	---
417A	CROSSVILLE AIRPORT	D-3	USWB	1862	1	ESTABLISHED APRIL 21, 1954						----		4.59		4.89		0.90		2.28		2.69		2.50		3.10		8.83		-----	-----	---
166	CONCORD, NEAR	E-3	TVA	1000	20	10.30	5.42	#2.10	4.70	5.14	4.85	2.33	4.04	2.99	3.39	2.41	2.91	3.95	4.99	1.49	2.71	0.97	2.44	3.43	2.16	3.46	3.57	7.93	4.33	#46.50	45.51	7.0
508	PAULETTE	F-2	TVA	1050	14	9.93	5.86	2.10	4.90	#4.32	5.12	3.87	3.16	3.25	3.57	2.78	3.46	2.50	4.70	3.12	3.82	1.89	3.34	2.19	2.40	3.30	4.00	8.11	4.61	47.36	48.94	6.1
710	WHEAT (R)	E-3	C&CCCO	750	6	12.80		4.45		5.84		2.50		3.06		2.14		1.19		1.81		2.76		1.88		3.03		10.92		52.38		---

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1954 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs.of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		Y E A R		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Ror'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	CLINCH RIVER BELOW NORRIS DAM (CONT'D)																															
676	OAK RIDGE, NEAR (R)	E-3	C&CCCO	900	8	12.37	7.19	4.31	5.37	5.27	5.89	2.39	3.03	3.56	3.27	1.98	2.92	2.14	4.66	3.23	3.70	3.16	3.05	2.04	2.40	2.95	4.43	10.28	5.80	53.68	51.71	---
711	OAK RIDGE, WB (R)	E-2	USWB	905	8	13.27	6.06	4.64	5.79	6.24	5.69	1.80	4.08	3.09	4.18	2.29	3.91	5.06	5.34	2.73	4.06	3.73	2.55	1.97	2.42	2.49	3.98	9.39	5.66	56.70	53.72	4.2
169	CLINTON TVA NURSERY	E-2	TVA	850	66	10.30	5.31	2.55	5.20	5.62	5.34	3.09	4.15	3.52	4.30	1.57	4.58	3.76	5.19	2.09	3.96	2.11	3.44	3.25	2.71	2.98	4.04	9.63	5.11	50.47	53.33	3.5
371	VASPER	E-2	TVA	1020	17	9.10	5.61	2.51	5.18	4.70	5.23	2.10	3.69	3.34	3.78	1.85	3.54	4.05	4.74	2.87	3.68	2.10	3.04	2.87	1.96	2.95	4.11	8.64	5.08	47.08	49.64	2.7
321	NORRIS (R)	E-2	TVA	970	10	9.79	4.74	2.39	4.72	4.71	5.11	2.39	4.28	3.14	3.43	1.55	3.50	4.05	4.75	2.07	3.09	1.87	3.06	1.75	2.11	2.41	2.84	9.05	4.36	45.17	45.99	---
323	NORRIS DAM	E-2	TVA	875	21	9.63	5.71	2.03	4.91	5.14	5.43	2.15	3.42	3.67	4.24	1.74	3.52	4.31	4.42	2.04	3.88	1.97	2.82	2.34	2.22	2.39	3.81	9.48	4.61	46.89	48.99	---
	CLINCH RIVER ABOVE NORRIS DAM																															
584	TURLEY	E-2	TVA	1410	13	9.70	6.25	#3.09	5.22	#4.54	5.22	2.70	3.24	4.07	5.09	4.12	4.97	6.11	4.95	4.13	4.72	2.39	3.32	4.70	2.58	2.77	4.26	7.95	4.88	#56.27	54.70	8.0
523	ELK VALLEY, NEAR	E-2	USWB	1250	14	9.31	5.75	3.16	4.76	4.89	4.75	3.58	3.32	2.78	4.21	4.48	4.19	5.31	5.96	2.98	4.43	2.84	3.21	4.93	2.32	2.32	3.92	6.94	4.65	53.52	51.47	---
325	LAFOLLETTE	E-2	TVA	1250	21	9.27	5.50	2.25	4.60	5.35	4.80	3.62	3.57	3.45	4.03	3.80	4.38	8.17	5.19	3.70	4.41	2.40	2.56	4.22	2.21	2.69	3.80	8.46	4.37	57.38	49.42	8.9
423	WESTBOURNE SUBSTA.	E-2	TVA	1340	15	8.25	5.52	3.47	4.68	5.11	5.14	3.90	3.66	3.72	4.55	2.60	4.33	6.87	6.02	3.44	4.06	2.82	2.69	4.92	2.55	3.43	3.90	8.73	4.82	57.26	51.92	16.9
326	WELL SPRING	F-2	TVA	1040	17	8.55	4.98	2.27	4.69	5.50	4.84	3.11	3.22	3.50	4.07	3.03	3.88	4.75	4.88	2.04	3.41	2.33	2.53	2.87	2.27	2.69	3.64	7.67	4.22	48.31	46.63	4.0
333	ARTHUR	F-2	TVA	1150	19	9.66	5.93	2.88	5.00	5.12	5.04	2.96	3.37	2.73	3.62	1.87	4.06	3.78	5.38	3.90	4.35	2.13	2.73	1.61	2.34	2.93	3.70	8.16	4.39	47.73	49.91	6.5
334	MIDDLESBORO	F-2	USWB	1128	63	7.11	4.43	2.09	4.20	4.71	5.30	3.95	4.38	2.81	4.05	2.64	4.56	2.67	4.84	3.54	4.17	2.13	2.61	2.94	2.49	3.22	3.37	8.07	4.47	45.88	48.87	15.3
338	ROSE HILL	F-2	TVA	1475	21	9.13	5.91	#1.45	4.69	4.21	5.15	3.29	3.60	2.10	3.94	1.30	4.46	4.32	5.43	2.35	4.28	1.95	2.69	1.05	2.36	2.15	3.56	8.17	4.07	#41.47	50.14	12.7
487	BAXTER, NEAR (R)	F-2	USWB	1175	15	7.11	5.26	2.27	4.08	3.08	4.23	2.88	3.28	3.24	4.01	2.46	4.19	2.70	5.03	4.57	4.59	3.00	2.85	1.68	2.08	3.14	3.39	6.49	4.22	42.62	47.21	---
339	JONESVILLE NO. 2	F-2	TVA	1375	20	8.70	5.42	2.06	4.59	4.29	5.02	2.43	3.68	4.32	3.78	3.17	4.36	3.81	5.44	3.04	4.55	1.72	2.44	0.87	2.23	2.64	3.32	5.75	4.01	42.80	48.84	10.5
340	PENNINGTON GAP	F-2	USWB	1386	23	8.69	5.27	1.70	4.82	5.13	5.40	2.55	3.87	3.12	3.58	2.14	4.30	4.45	5.52	2.94	4.47	2.09	2.37	1.04	2.54	2.92	2.84	7.06	4.04	43.83	49.02	17.5
341	OLINGER	G-2	TVA	1400	20	7.89	5.47	1.42	4.18	5.27	4.96	2.61	3.45	4.27	4.22	2.84	4.46	5.25	5.14	3.42	4.44	1.91	2.75	0.76	2.23	2.64	3.26	5.87	3.90	44.15	48.46	21.2
344	HIGH KNOB (R)	G-2	TVA	4150	20	5.82	5.26	1.53	4.03	4.19	5.02	2.74	3.79	4.60	4.35	3.67	4.85	3.30	6.37	3.60	5.70	2.20	3.29	2.00	2.56	1.81	3.07	5.15	3.53	40.61	51.82	---
342	DUNBAR, VIRGINIA	G-2	TVA	2000	20	6.42	5.18	1.22	4.11	5.19	4.91	2.74	3.73	4.13	4.47	4.65	4.76	4.62	5.85	3.56	4.92	2.76	2.86	2.69	2.42	2.74	3.38	5.59	3.75	46.31	50.34	27.2
327	WHITE HOLLOW (R)	F-2	TVA	1500	20	9.43	5.40	2.48	4.60	4.91	4.63	2.70	3.03	2.97	3.65	3.34	3.44	3.89	4.50	2.29	3.05	2.37	2.22	2.16	2.13	2.88	3.55	8.66	4.21	48.08	44.41	---
563	WALKERS FORD	F-2	TVA	1080	14	10.09	5.24	2.09	4.71	5.98	4.93	3.19	3.02	3.85	4.07	3.31	3.55	4.19	4.85	1.57	3.43	2.16	2.62	1.19	2.27	2.96	3.92	7.19	4.27	47.77	46.88	6.8
335	TAZEWELL, NEAR, TENNESSEE	F-2	TVA	1330	49	9.16	4.93	1.98	4.51	5.26	5.03	2.68	3.93	3.50	4.04	1.84	4.02	2.77	4.65	2.36	4.53	2.27	2.92	1.25	2.63	3.09	3.13	6.80	4.62	42.96	48.94	10.7
336	BIG SYCAMORE (R)	F-2	TVA	2300	20	8.41	4.90	1.59	4.14	3.50	4.53	1.82	3.10	2.94	3.55	1.64	3.59	3.74	4.73	2.49	3.78	1.72	2.13	0.81	1.82	2.30	2.87	5.14	3.60	36.10	42.74	---
673	THORN HILL	F-2	TVA	1430	8	9.65	6.60	1.94	4.43	6.29	5.02	1.62	2.67	3.09	4.44	2.41	3.87	2.07	4.35	3.96	2.83	3.12	2.56	0.92	1.68	2.82	3.87	5.73	3.95	43.62	46.27	3.3
348	CLINCHPORT	G-2	TVA	1260	59	7.99	4.33	1.51	4.01	3.81	4.81	2.76	3.52	3.24	3.66	1.42	4.19	4.14	4.84	3.63	4.42	2.03	2.91	1.03	2.37	2.59	2.88	4.87	4.14	39.02	46.08	6.5
349	DUNGANNON	G-2	TVA	2500	20	7.17	4.65	1.79	3.69	5.54	4.32	2.58	3.05	6.53	3.60	2.44	4.08	4.31	5.84	2.21	4.07	1.74	2.74	#1.63	2.13	#2.76	2.81	4.21	3.41	#42.91	44.39	11.4
350	DANTE	G-2	USWB	1765	38	4.69	3.94	0.95	3.60	3.14	4.47	2.40	3.54	5.96	4.42	2.17	4.72	4.26	5.90	3.57	4.83	1.66	3.32	1.84	2.95	#1.48	2.86	3.62	3.59	#35.74	48.14	13.7
351	CLEVELAND, VIRGINIA	G-2	TVA	1540	21	5.24	3.97	1.90	3.42	#4.23	4.08	2.43	3.12	5.19	4.01	2.09	4.84	3.74	5.42	3.52	5.14	2.41	2.97	1.94	2.27	2.35	2.89	4.31	3.15	#39.35	45.28	15.5
352	HONAKER, NEAR	G-1	TVA	2200	20	5.07	3.96	1.19	3.40	5.02	4.04	2.91	3.32	5.19	4.32	2.56	4.77	7.16	5.37	6.10	4.84	2.73	3.35	3.81	2.67	2.49	2.92	3.66	3.02	47.89	45.98	27.3
614	HONAKER (R)	H-1	TVA	1950	13	5.49	3.81	1.56	3.45	4.57	3.88	2.86	2.90	5.36	4.63	3.30	4.02	5.85	4.40	3.16	3.89	2.50	3.26	2.98	2.19	2.16	2.59	3.45	3.17	43.24	42.19	---
355	SPRING CREEK (R)	H-2	TVA	2340	6	5.61		2.37		4.28		4.36		3.59		2.20		7.11		3.29		3.10		4.66		2.55		4.55		47.67		---
353	SWORDS CREEK	H-1	TVA	1900	20	5.70	3.91	1.51	3.38	5.08	4.05	3.14	3.32	5.27	4.49	2.44	4.18	6.10	5.42	7.32	4.52	2.48	3.02	3.26	2.31	2.69	2.59	3.78	2.92	48.77	44.11	26.0
356	JEWELL RIDGE	H-1	TVA	2750	20	5.11	3.80	1.54	3.30	5.00	4.05	1.98	3.12	4.74	4.14	1.97	4.74	6.40	4.95	3.87	4.56	2.16	2.66	4.11	2.53	2.20	2.80	3.93	2.92	43.01	43.57	39.2
357	TAZEWELL, VIRGINIA	H-1	TVA	2450	20	5.65	3.63	2.15	3.13	5.19	3.99	2.73	2.92	4.30	4.10	2.91	4.25	8.23	4.79	5.69	4.00	2.48	2.89	4.42	2.23	2.25	2.49	4.08	2.98	50.08	41.40	33.0
	HOLSTON RIVER																															
395	STRAWBERRY PLAINS	F-2	TVA	925	16	9.16	4.89	2.07	4.91	4.86	4.49	3.27	3.07	3.42	3.71	1.82	3.42	2.30	4.53	3.03	2.93	1.36	2.78	1.58	1.95	3.08	3.36	5.69	3.91	41.64	43.95	8.0
289	JOPPA	F-2	TVA	975	20	9.96	5.69	1.88	4.69	6.30	5.17	3.89	3.75	2.73	3.71	2.08	3.24	4.05	4.44	1.74	3.74	1.78	2.46	1.34	2.16	2.81	3.40	6.12	3.87	44.68	46.32	5.2
489	CHEROKEE DAM	F-2	TVA	1000	14	8.59	5.04	1.59	4.74	5.47	4.60	3.11	2.92	2.96	4.04	1.69	3.26	3.08	4.88	2.09	3.66	1.44	2.74	1.63	2.10	2.78	3.48	5.04	3.89	39.47	45.35	13.5
486	JEFFERSON CITY, NEAR (R)	F-2	USWB	1200	33	8.90	4.41	----	----	----	----	----	----	PUBLICATION DISCONTINUED APRIL 30, 1954																-----	-----	---
579	JEFFERSON CITY EVAP. STA.	F-2	TVA	1200	13	9.31	5.18	1.93	4.83	6.02	4.68	2.75	2.83	3.14	4.18	1.40	3.10	3.83	4.69	4.40	3.75	1.41	3.08	1.71	1.95	3.10	3.55	5.01	4.15	44.01	45.97	14.7
290	MORRISTOWN, NEAR	F-2	TVA	1325	20	9.18	5.43	1.59	4.78	5.07	5.00	4.09	3.43	3.06	3.79	2.02	3.57	4.13	5.34	3.12	4.20	1.55	2.98	1.26	2.13	3.10	3.59	4.56	3.90	42.73	48.14	9.0
346	FLAT GAP	F-2	TVA	2000	19	9.31	5.38	1.97	4.55	4.79	4.61	1.96	3.22	2.97	3.73	1.77	3.50	2.38	4.96	1.99	3.81	1.75	2.59	1.16	2.13	3.20	3.32	5.44	3.88	38.69	45.68	6.4
291	ROGERSVILLE	F-2	TVA	1295	70	8.94	4.19	1.63	4.15	4.42	4.35	2.11	3.37	2.69	3.58	3.46	3.68	3.31	4.84	1.06	3.70	1.84	2.60	0.80	2.35	3.16	2.90	4.12	3.79	37.54	43.50	12.3
727	JOHN SEVIER STEAM PLANT (R)	G-2	TVA	1112	2	8.22		1.44		4.14		2.27		2.99		1.54		4.36		2.04		1.29		0.84		3.15		3.54		35.82		---
347	LITTLE WAR GAP	F-2	TVA	2000	20	8.70	5.08	1.49	4.16	5.07	4.92	2.91	3.49	3.81	3.63	1.71	3.51	6.84	5.76	2.40	3.66	1.95	2.74	0.83	2.13	2.47	3.23	4.37	3.75	42.55	46.06	11.2
516	STANLEY KNOBS (R)	G-2	TVA	1250	14	7.89	4.37	1.42	3.92	4.26	4.30	1.88	2.91	3.48	3.58	2.54	3.57	8.00	4.75	1.65	3.72	1.62	2.31	#0.69	1.84	2.66	2.82	4.00	3.70	#40.09	41.79	---
314	BIG KNOB (R)	G-2	TVA	3150	20	6.59	4.19	1.20	3.58	5.04	3.99	3.04	2.85	3.64	3.25	2.17	2.66	3.97	4.74	3.82	3.53	1.52	2.49	1.16	1.96	2.57	2.68	4.32	3.19	39.04	39.11	---
315	MENDOTA	G-2	TVA	1350	50	7.76	4.19	1.50	3.68	5.05	4.51	4.14	3.68	3.77	3.93	1.58	4.35	2.33	5.07	3.16	4.41	1.82	3.05	3.17	2.89	2.52	2.74	4.35	3.83	41.15	46.33	12.4
316	HOLSTON	G-2	TVA	3450	20	6.53	3.94	1.07	3.49	4.16	3.80	4.31	2.93	3.57	3.80	2.04	3.76	3.62	4.61	3.75	3.59	1.60	2.48	4.90	2.55	2.51	2.59	5.32	3.18	43.38	40.72	19.7
318	SALTVILLE	H-2	USWB	1735	33	6.27	3.60	1.60	3.61	3.57	4.43	3.60	3.04	3.71	3.81	1.74	4.26	4.40	5.03	4.19	4.38	2.44	2.94	2.57	2.82	2.77	2.55	4.19	3.49	41.05	43.96	13.2
318A	SALTVILLE	H-2	TVA	1725	14	6.08	3.83	1.59	2.94	3.78	3.74	2.94	2.56	3.49	4.66	1.79	3.78	4.61	4.10	4.31	4.33	2.34	2.86	2.39	1.84	2.77	2.59	4.14	3.32	40.23	40.55	9.5
320	BURKES GARDEN	H-1	USWB	3075	59	5.48	3.68	1.35	3.58	4.49	4.63	1.18	3.60	3.97	4.13	1.03	4.70	5.29	4.62	2.73	4.42	3.41	3.33	3.20	2.95	2.00	2.88	4.83	3.52	38.96	46.04	37.0
293	KINGSPORT	G-2	USWB	1270	33	7.68	3.84	0.96	3.88	5.19	3.80	3.09	3.34	3.42	4.11	1.43	3.80	4.05	5.24	2.29	4.42	1.29	2.65	2.07	2.58	2.89	2.65	3.57	3.93	37.93	44.24	17.3
717	FORT PATRICK HENRY DAM	G-2	TVA	1220	3	7.44		0.96		5.37		3.32		3.56		2.00		4.72		1.31		1.17		DISCONTINUED SEPTEMBER 30, 1954						-----		---
707	BOONE DAM	G-2	TVA	1375	4	7.28		0.78		5.57		2.67		3.57		5.15		3.82		1.45		1.32		2.11		2.33		4.00		40.05		19.0
376	BRISTOL AIRPORT (R)	G-2	USWB	1545	17	6.60	3.50	2.11	3.41	4.82	3.77	1.83	3.25	2.62	3.44	4.98	3.67	5.00	5.14	0.82	3.89	2.64	2.79	1.81	2.39	2.42	2.56	3.79	3.43	39.44	41.24	19.6
688A	NORTH BRISTOL SUBSTA., VA.	G-2	TVA	1740	7	7.05	4.96	1.44	3.25	4.90	4.67	3.08	3.03	2.43	4.84	2.27	4.05	2.77	5.56	1.83	4.62	1.60	2.21	3.56	1.69	3.08	3.31	4.08	3.78	38.09	45.97	13.3
495	BRISTOL, VIRGINIA	G-2	USWB	1800	22	7.13	2.93	3.30	3.48	4.35	4.22	#3.66	2.96	2.47	3.41	2.00	4.26	4.31	5.10	#1.55	3.80	2.45	2.68	#3.90	2.12	2.88	2.74	4.10	3.51	#42.10	41.21	15.8
688	BRISTOL, NEAR, VIRGINIA	G-2	TVA	1920	6	7.24	5.09	1.39	3.08	3.47	4.43	2.89	3.00	2.12	4.96	2.49	3.64	2.15	5.08	1.57	4.44	1.88	2.20	3.44	1.73	2.22	3.11	4.14	3.68	35.00	44.44	---
307	WALLACE, NEAR	G-2	TVA	1885	19	6.79	4.33	1.73	3.32	4.40	3.54	3.00	2.63	2.84	3.63	2.78	3.73	2.67	4.82	2.23	4.09	1.97	2.77	3.25	2.02	2.75	2.55	4.02	2.98	38.43	40.41	19.7
306	BLUFF CITY	G-2	TVA	1540	58	7.54	4.02	1.05	3.84	6.60	4.04	4.08	3.37	2.93	3.96	3.13	3.95	4.58	5.86	2.04	4.42	1.85	2.89	2.37	2.58	2.56	2.60	3.68	3.67	42.41	45.20	11.2
597	SOUTH HOLSTON DAM	G-2	TVA	1520	9	7.58	4.92	1.27	3.61	5.61	4.47	4.28	3.04	3.58	5.13	3.90	4.61	3.61	5.09	3.57	4.47	1.65	2.38	5.29	2.19	2.74	3.10	3.55	3.90	46.63	46.91	16.7

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1954 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	HOLSTON RIVER (CONT'D)																															
308	CRANDULL	H-2	TVA	3405	20	7.58	[illegible]	2.20	4.00	5.72	4.40	#3.60	3.61	#4.28	5.03	2.45	4.35	5.52	6.04	3.04	4.79	3.00	3.50	2.95	2.59	3.25	3.16	5.45	3.78	#49.04	50.11	36.0
604	ABINGDON (R)	H-2	TVA	2000	13	6.93	4.44	1.09	3.70	4.79	4.24	3.13	2.97	3.64	4.46	2.70	3.64	3.55	5.28	3.08	4.51	1.68	2.79	1.84	1.91	2.54	2.83	4.15	3.48	39.12	44.25	---
738	CHILHOWIE	R-2	USWB	2000	3	6.28		0.66		3.92		2.81		4.47		0.56		5.70		4.35		0.78		2.00		2.36		3.35		37.24		---
312	MARION	H-2	TVA	2200	48	5.63	3.37	1.00	3.30	4.40	[illegible]	2.59	3.04	3.37	4.07	0.55	4.64	6.03	4.72	2.29	4.38	2.29	2.80	3.03	2.37	2.62	2.43	3.66	2.93	37.52	41.88	22.2
613	GROSECLOSE	H-2	TVA	2570	12	5.62	3.84	2.04	3.04	[illegible]	3.65	[illegible]	3.03	4.25	4.55	1.82	3.36	5.94	4.72	2.97	4.66	2.54	3.13	3.42	2.08	2.68	2.83	3.17	3.15	41.90	42.04	25.7
613A	GROSECLOSE (R)	H-2	TVA	2590	5	4.76		1.52		3.23		3.80		3.82		1.97		5.19		2.87		2.89		3.86		2.62		3.31		39.84		---
313	WYTHEVILLE	H-2	USWB	2299	79	4.73	3.08	1.39	2.99	3.69	3.44	2.44	2.99	2.85	3.66	1.35	4.20	4.78	4.00	2.38	4.19	2.66	3.30	3.21	2.84	2.25	2.14	3.34	2.92	35.07	39.75	20.4
309	DAMASCUS	H-2	USWB	1950	28	6.87	3.37	1.72	3.66	4.57	3.92	3.51	3.35	5.87	4.32	1.75	4.07	3.64	5.72	3.46	4.46	2.46	3.32	3.17	2.37	2.97	2.42	3.34	2.95	43.33	43.93	30.1
310	LOVES MILL	H-2	TVA	2060	20	6.07	3.99	1.11	3.08	4.43	3.59	2.87	2.96	4.90	4.69	1.57	4.06	6.57	5.20	4.06	4.32	1.91	2.78	3.37	2.18	2.75	2.49	3.71	2.89	43.32	42.23	22.7
311	TROUT DALE	H-2	USWB	3120	20	6.47	4.23	2.88	3.68	6.82	4.49	2.39	3.54	6.72	4.40	1.59	4.13	4.01	5.77	2.15	4.69	2.00	3.24	5.34	2.62	3.48	3.07	4.95	3.49	48.79	47.35	33.9
408	SUGAR GROVE	H-2	USFS	2680	16	#5.91	3.42	2.57	3.01	4.59	3.67	2.42	3.04	4.23	3.97	0.53	3.93	6.99	5.19	3.92	4.58	2.51	2.50	3.19	1.87	2.35	2.53	3.38	2.98	#42.59	40.69	---
294	CEDAR CREEK	G-2	TVA	1750	20	6.09	4.16	0.88	3.63	4.90	4.27	2.55	2.98	2.77	3.50	2.31	3.46	2.28	5.31	2.46	3.53	0.84	2.84	2.17	2.20	2.49	2.80	3.93	3.31	33.67	41.99	16.9
689	JOHNSON CITY SUBSTA.	G-2	TVA	1580	7	7.72	4.62	1.24	3.08	5.17	4.58	3.47	3.10	3.23	4.93	2.26	3.48	3.70	5.19	3.89	4.16	1.06	2.52	3.30	1.69	2.90	3.09	3.03	3.66	40.99	44.10	17.5
416	JOHNSON CITY VETERANS HOSPITAL	G-2	TVA	1730	37	7.62	3.67	1.33	3.39	6.39	4.19	3.50	3.22	2.46	3.93	1.66	4.04	4.14	5.06	3.84	4.20	0.94	2.81	3.25	2.39	2.59	2.58	3.03	3.44	40.75	42.92	18.0
652	JOHNSON CITY E.T.S.C.	O-2	ETSC	1700	6	7.52		1.57		5.30		3.07		2.40		1.55		4.25		3.30		1.12		3.34		2.87		3.16		39.45		16.5
295	ELIZABETHTON NO. 2	G-2	TVA	1512	63	7.04	3.43	1.31	3.50	5.13	4.07	3.02	3.22	3.22	4.30	1.59	4.34	3.38	5.77	4.38	4.55	1.23	3.00	3.33	2.69	2.71	2.43	2.61	3.44	38.95	44.74	14.9
225	STONE MOUNTAIN	G-2	TVA	2590	20	7.57	4.67	1.24	4.26	6.46	5.00	#4.89	3.65	3.30	3.76	0.92	4.49	6.63	6.64	4.30	4.01	2.73	3.12	2.78	2.35	2.26	3.24	4.55	3.53	#47.63	48.72	33.9
708	ROAN MOUNTAIN	G-2	TVA	2585	4	7.36		2.23		5.69		4.44		4.61		1.79		4.40		5.03		1.45		2.40		2.91		4.35		46.66		33.0
686	HAMPTON	G-2	TVA	1825	7	6.39	3.96	#1.80	2.99	5.49	3.88	4.16	3.30	2.73	3.61	1.00	3.66	5.32	4.43	3.65	3.79	1.45	2.15	2.58	1.46	#2.65	2.86	2.24	3.15	#39.46	39.24	15.0
596	WATAUGA DAM	G-2	TVA	1714	8	7.38	5.20	2.81	3.60	5.65	4.41	4.86	3.58	4.15	4.22	2.79	4.64	3.22	5.25	5.57	4.99	2.21	2.77	2.95	1.99	3.05	3.66	3.37	3.63	48.01	47.94	14.5
297	COLESVILLE	G-2	TVA	2130	20	7.07	4.14	1.28	3.67	6.24	3.80	2.50	2.75	4.08	3.88	2.09	3.98	6.20	5.19	2.29	4.30	1.77	3.12	2.74	2.13	3.26	3.01	3.46	3.38	42.98	43.35	26.0
491	BUTLER (R)	G-2	TVA	2070	14	6.62	4.06	1.83	3.30	5.92	3.99	3.06	2.92	4.72	4.10	3.86	4.45	4.66	5.67	2.66	3.62	1.87	2.91	2.49	1.81	2.94	2.78	3.20	3.30	43.83	42.91	---
301	MOUNTAIN CITY	H-2	TVA	2410	46	6.08	3.80	1.44	3.43	5.17	4.25	4.08	3.44	4.16	4.09	3.59	4.54	3.70	5.63	2.76	4.81	3.08	2.99	2.93	2.51	2.82	2.35	3.41	3.33	43.22	45.17	19.7
304	PARKER	H-2	USWB	3950	37	6.45	4.20	2.81	3.50	5.46	4.60	3.35	3.90	5.61	3.90	1.53	5.90	4.91	5.20	3.62	5.80	2.80	3.60	3.69	3.30	3.13	2.20	3.81	3.60	47.17	49.70	53.7
305	JEFFERSON	H-2	USWB	2900	49	5.13	3.20	3.17	3.40	4.90	4.20	3.17	3.80	3.84	4.40	1.82	5.00	2.70	4.90	2.95	5.20	0.92	4.20	4.26	3.90	3.28	2.60	4.22	4.20	40.36	49.00	18.1
298	ODOMVILLE	G-2	TVA	2760	20	6.32	4.20	1.46	3.66	4.55	4.12	3.03	3.37	3.82	4.24	2.26	4.52	2.58	6.31	2.75	4.08	2.92	3.06	1.54	2.34	2.71	3.05	2.91	3.11	36.85	46.06	32.0
299	BANNER ELK	H-2	USWB	3710	47	6.46	3.72	2.46	3.78	6.16	5.33	3.06	4.24	5.96	4.85	0.90	5.37	5.60	6.26	2.40	5.85	2.53	4.43	1.68	4.91	3.64	2.60	5.09	4.59	45.94	55.93	55.4
300	REESE	H-2	TVA	3320	20	5.97	3.96	1.76	3.64	5.55	4.20	3.09	3.27	4.04	4.28	2.27	3.98	4.07	5.96	2.77	4.53	1.79	3.24	3.25	2.77	2.96	3.02	2.57	3.05	40.09	45.90	39.3
607	MAST	H-2	TVA	2670	12	5.57	3.85	2.33	2.74	5.52	4.08	1.88	2.85	3.08	3.76	0.39	4.07	3.45	4.26	3.19	3.51	1.32	3.07	1.59	2.23	3.49	3.29	2.69	3.15	34.50	40.86	27.5
609B	ZIONVILLE	H-2	TVA	3710	2	5.66		2.51		5.86		4.03		4.71		1.54		4.33		2.97		1.70		2.94		3.08		3.97		43.30		46.6
694	RICH MOUNTAIN GAP (R)	H-2	TVA	4350	8	5.95	5.10	3.37	3.65	6.45	5.56	3.85	4.25	5.42	4.11	1.16	5.12	4.83	4.53	3.33	4.95	2.14	4.13	3.40	3.28	4.31	5.28	4.07	4.02	48.28	53.98	----
303	BOONE	H-2	USWB	3250	26	5.50	3.64	5.11	3.15	6.23	5.03	2.91	4.40	5.80	4.59	1.44	5.93	3.08	6.05	2.07	6.18	1.08	4.23	2.36	6.02	4.26	2.94	4.81	5.24	44.65	57.40	30.4
632	BLOWING ROCK	H-2	USWB	3600	9	----	----	----	----	----	----	4.50	4.20	----	----	DISCONTINUED JULY 1, 1954														-----	-----	----
	HIWASSEE RIVER BELOW HIWASSEE DAM																															
93	BIG SPRING	E-3	TVA	720	20	10.48	6.55	3.09	5.25	4.63	5.73	2.30	4.22	3.97	3.96	1.72	3.90	2.05	5.11	5.65	4.36	0.69	3.11	3.77	2.92	2.85	3.78	9.19	5.09	50.39	53.98	---
429	CLEVELAND SUBSTA.	E-3	TVA	850	15	10.53	5.95	2.87	5.09	4.44	5.88	3.24	3.61	2.88	3.69	2.79	3.85	2.19	3.94	8.93	3.83	0.54	3.21	1.48	2.88	4.36	4.12	7.44	5.32	51.69	51.37	3.0
98	CHARLESTON	E-3	TVA	720	62	12.23	5.19	3.23	4.83	4.97	5.68	2.81	4.49	4.00	3.86	2.20	4.07	3.08	4.50	8.07	3.75	0.60	2.64	1.85	3.10	4.81	3.88	8.50	5.13	56.35	51.12	4.8
428	ATHENS SUBSTA.	E-3	TVA	940	15	12.54	6.38	2.88	5.19	6.02	5.96	3.19	3.61	3.78	4.18	2.53	3.54	1.51	4.86	3.01	4.26	0.81	3.70	2.64	2.97	4.23	3.94	8.37	5.25	51.51	53.84	---
C17	NEW BETHEL (R)	E-3	TVA	900	10	11.52	6.85	2.63	4.80	5.17	5.37	3.16	3.18	2.83	3.79	6.47	4.29	3.17	3.78	3.17	4.00	0.74	3.54	0.90	2.61	3.92	4.62	7.10	4.90	50.78	51.73	---
C19	DOUBLE SPRINGS (R)	E-3	TVA	820	11	12.03	7.22	2.72	4.92	5.06	5.92	3.44	3.36	2.84	4.02	4.49	4.02	2.90	4.23	3.61	3.79	0.68	3.79	1.30	2.62	4.75	4.67	8.61	5.10	52.43	53.66	---
C11	ENGLEWOOD	E-3	TVA	820	11	12.94	7.18	2.36	4.75	5.19	5.48	3.07	3.33	3.73	4.09	3.59	3.43	1.25	4.66	2.99	3.48	0.58	3.66	1.37	2.57	4.59	4.54	6.79	4.72	48.45	51.89	---
C5	HICKORY GROVE (R)	E-3	TVA	1040	11	13.22	7.56	2.64	5.06	5.59	5.72	3.32	3.55	3.10	4.48	4.60	4.51	2.41	4.08	4.73	3.86	0.52	3.58	1.65	2.66	4.42	4.55	6.47	4.89	52.67	54.50	---
C7	CENTER	E-3	TVA	980	11	13.17	7.58	2.72	4.97	5.49	5.41	3.60	3.43	3.25	4.00	5.25	3.60	2.59	4.56	2.46	3.30	1.13	3.75	1.03	2.66	4.04	4.45	6.76	4.68	51.49	52.39	---
99	PARKSVILLE DAM	E-3	TVA	750	30	10.36	4.93	2.67	4.70	5.14	5.63	4.36	4.21	2.18	4.04	4.45	4.89	3.19	4.99	5.49	3.93	0.61	3.03	1.70	2.69	3.55	3.34	6.75	4.69	50.45	51.07	---
627	CONASAUGA, NEAR	E-3	USWB	775	11	10.57	6.70	3.18	5.23	5.29	5.97	3.40	3.79	2.92	3.78	4.44	3.77	2.75	4.35	7.02	3.22	0.40	3.80	1.17	2.63	3.83	4.43	6.19	4.49	51.16	52.16	0.2
690	DOUBLE SPRINGS GAP (R)	E-4	USWB	1000	9	11.03	6.36	3.75	4.77	6.92	6.52	3.70	3.89	3.75	4.03	3.75	4.48	2.73	4.80	4.12	3.46	1.57	3.50	1.63	2.36	3.50	4.24	6.41	4.53	52.86	52.94	---
100	OCOEE NO. 2 POWERHOUSE	E-3	TVA	860	40	10.53	5.22	2.58	4.68	5.35	5.73	3.98	4.26	2.43	4.05	3.49	4.22	3.39	5.35	4.62	4.21	0.92	3.19	1.76	2.99	3.72	3.68	6.99	4.88	49.76	52.46	---
101	SASSAFRAS KNOB (R)	E-3	TVA	3300	20	12.09	6.70	2.84	5.59	5.56	6.20	3.72	4.60	2.59	3.94	2.55	4.04	1.65	5.42	5.26	4.63	0.73	3.35	1.50	2.95	4.92	4.08	7.88	5.37	51.29	56.87	---
501A	DUCKTOWN (R)	E-3	TVA	1700	15	10.66	5.41	2.45	4.53	6.81	5.87	3.50	3.27	2.41	3.59	5.43	4.38	2.00	5.00	4.48	4.27	0.09	2.87	1.63	2.72	4.25	3.42	6.33	4.79	50.04	50.12	---
107	COPPERHILL	E-4	USWB	1624	41	10.42	5.76	2.42	5.15	7.20	5.95	3.94	4.65	2.68	4.18	3.48	4.17	3.48	5.78	5.23	4.29	0.10	2.96	1.45	3.03	4.76	3.85	6.87	5.36	52.03	55.13	4.1
431	COPPERHILL NO. 2 SUBSTA.	E-3	TVA	1600	19	10.30	6.39	2.38	5.24	7.49	6.53	4.01	4.26	2.80	3.69	3.85	4.30	3.39	6.02	5.90	4.75	0.12	3.13	1.52	2.76	4.64	3.49	6.47	5.23	52.87	55.79	5.8
109	FLAT TOP (R)	E-4	TVA	3650	20	16.01	10.44	3.69	8.32	9.35	9.19	7.75	6.49	4.69	5.08	5.03	6.03	3.42	8.06	6.80	6.03	1.09	4.46	4.58	3.86	6.22	6.06	12.06	8.32	80.69	82.34	---
110	BLUE RIDGE DAM	E-4	TVA	1560	34	10.47	5.69	3.11	5.30	7.32	5.99	4.39	4.94	2.67	4.45	4.08	4.12	5.02	5.48	5.56	4.27	0.68	2.80	0.95	2.78	4.12	3.69	6.73	5.96	55.10	55.47	3.4
111	STANLEY GAP (R)	E-4	TVA	2300	20	10.77	7.13	3.51	5.98	7.68	6.89	6.65	5.08	3.16	3.80	3.31	4.05	3.37	5.44	4.12	4.47	0.92	3.15	2.15	2.60	4.98	4.28	9.79	6.13	60.41	59.00	---
112	NOONTOOTLA CREEK	E-4	TVA	1960	20	11.80	6.72	4.00	6.36	6.28	7.16	4.40	5.08	2.76	4.21	2.50	4.48	4.18	6.01	3.36	5.14	1.12	3.42	0.91	2.87	4.10	3.93	6.67	5.65	52.08	61.03	5.3
633	DIAL POST OFFICE	E-4	TVA	1900	7	12.16	6.95	4.20	5.68	7.65	7.99	5.10	4.42	2.93	3.94	2.56	4.99	3.43	5.85	4.37	4.48	1.37	4.32	0.68	2.67	4.76	4.82	7.45	6.63	56.66	62.74	4.3
720	GRIZZLE CREEK, RADIO	E-4	TVA	2110	2	10.2		2.9		6.0		5.7		1.4		4.8		3.2		2.6		2.3		1.7		4.0		7.6		52.4		---
115	SUCHES	E-4	TVA	2800	20	13.24	8.23	4.02	7.03	7.16	8.51	6.53	6.19	2.34	4.95	7.74	5.34	4.66	7.06	3.94	7.08	1.04	4.46	1.55	4.20	5.72	5.64	11.35	7.44	69.29	76.13	5.0
120	COKER CREEK	E-3	TVA	1650	20	#11.79	6.47	3.51	5.42	7.39	6.41	4.09	4.43	3.50	4.15	8.57	4.57	1.89	5.37	4.11	4.44	0.51	2.79	2.28	2.50	4.11	3.94	7.11	4.95	#58.86	55.44	13.0
638	APALACHIA POWERHOUSE	E-3	TVA	880	11	12.16	6.95	2.48	5.80	6.37	6.06	3.27	3.92	2.37	4.46	5.31	4.32	2.43	5.11	5.23	3.82	0.38	3.37	2.48	2.67	3.99	4.34	6.76	5.00	53.23	55.82	---
575	FARNER (R)	E-3	TVA	1600	13	11.33	6.54	3.06	5.54	5.85	6.57	3.91	3.85	2.56	4.20	5.35	4.66	2.68	5.60	3.26	3.95	1.16	3.62	1.89	2.88	3.83	4.10	6.97	5.72	51.85	57.23	---
121	TURTLETOWN	E-3	TVA	1600	20	11.90	6.60	3.28	5.78	6.48	6.66	5.12	4.62	2.58	3.78	5.43	4.52	1.77	5.43	3.95	4.30	0.55	3.07	2.03	2.88	4.81	3.91	7.51	5.11	55.41	56.66	8.3

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1954 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs. of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	HIWASSEE RIVER ABOVE HIWASSEE DAM																															
125	HIWASSEE DAM (R)	E-3	TVA	1500	17	11.21	5.82	2.32	5.14	6.43	6.35	4.64	4.09	2.79	3.87	4.05	4.42	1.85	5.36	2.76	3.89	1.33	2.88	1.39	2.41	3.94	3.59	6.37	4.81	49.08	52.63	---
125A	HIWASSEE DAM NO. 2	E-3	TVA	1310	15	11.59	6.07	2.82	5.14	6.76	6.62	4.52	3.81	2.92	4.03	4.29	4.23	1.95	5.27	3.03	4.10	1.10	3.19	1.40	2.49	3.57	3.71	6.08	5.11	50.03	53.77	---
126	BEAVERDAM CREEK	E-3	TVA	1900	20	13.39	7.74	3.13	6.22	6.91	7.63	4.33	5.32	4.01	4.68	5.87	5.21	4.41	7.08	2.66	5.85	0.57	3.63	1.42	3.24	5.08	4.50	7.30	6.13	59.08	67.23	8.4
127	LETITIA	E-3	TVA	1800	17	12.09	6.32	3.47	5.49	7.66	6.83	4.40	4.38	3.46	4.14	5.48	4.98	1.01	6.16	4.97	4.33	0.65	3.28	2.53	2.74	4.35	3.82	7.74	5.40	57.81	57.87	5.1
129	SWEET GUM (R)	E-4	TVA	1800	20	10.43	6.13	3.17	5.19	7.58	6.15	3.42	4.47	3.11	3.52	5.77	4.31	1.16	5.10	6.70	4.18	0.69	2.93	1.16	2.33	3.61	3.43	6.90	4.91	53.70	52.65	---
573	NOTTELY DAM	E-4	TVA	1740	13	10.82	5.88	3.53	5.26	7.33	6.29	3.99	3.66	2.73	4.00	5.07	4.17	3.08	5.08	4.29	3.79	0.68	3.38	0.67	2.32	4.11	3.30	5.19	5.04	51.49	52.17	4.5
131	HEMPTOWN GAP	E-4	TVA	2050	20	11.31	5.74	3.71	5.16	7.60	5.96	6.55	4.48	2.52	3.81	5.43	4.12	3.56	5.64	4.95	4.60	1.19	2.92	0.62	2.46	4.05	3.28	5.69	4.48	57.18	52.65	5.4
133	BLAIRSVILLE NO. 2	F-4	TVA	1825	22	10.92	5.82	3.84	5.48	7.19	5.38	4.67	4.01	1.93	4.19	6.46	3.77	4.62	5.19	3.98	4.51	0.65	3.10	0.81	3.19	4.11	3.02	5.36	5.28	54.54	52.94	3.8
570	CHOESTOE	F-4	TVA	1900	12	10.65	6.46	4.17	5.82	8.22	7.97	5.39	4.32	2.06	4.01	6.25	4.66	4.30	5.44	3.15	4.59	1.45	4.28	0.88	2.75	4.82	4.15	7.94	5.46	59.28	59.91	2.3
135	NEEL GAP (R)	F-4	TVA	3300	20	10.85	7.05	2.77	5.94	6.50	6.90	3.14	4.91	2.70	3.85	7.01	4.76	2.27	6.19	3.46	6.35	1.02	4.36	0.78	3.58	4.70	4.62	7.26	6.02	52.46	64.53	---
136	MURPHY EVAPORATION STA. (R)	E-3	TVA	1575	80	12.10	5.62	3.32	5.16	7.78	5.97	4.30	4.75	4.02	4.28	5.38	4.51	1.86	5.58	3.90	4.76	1.14	2.83	2.15	2.76	4.03	3.63	6.13	5.24	56.11	55.09	---
138	TOMOTLA	F-3	TVA	1575	19	11.41	6.89	2.86	5.87	8.46	6.75	3.54	4.75	3.22	4.00	6.22	4.56	1.58	6.60	3.04	4.89	1.09	3.15	1.01	2.70	4.43	3.62	6.60	5.44	53.46	59.22	8.0
140	HYATT CREEK	F-3	TVA	2450	20	15.54	8.44	3.93	7.11	8.60	8.27	3.80	5.61	4.45	5.39	5.11	5.65	4.08	7.35	5.58	5.86	1.00	3.82	1.51	3.55	6.27	4.76	8.93	6.80	68.80	72.61	3.7
141	ANDREWS	F-3	USWB	1840	46	13.57	5.40	2.84	5.50	8.48	6.60	3.60	4.70	3.29	5.00	4.13	5.10	3.03	6.10	3.85	5.00	0.24	3.80	0.59	3.40	4.16	4.00	7.19	6.80	54.97	61.40	4.5
362	TEYAHALEE BALD (R)	F-3	TVA	4750	17	14.04	7.78	2.66	6.32	8.20	7.66	4.77	4.85	3.42	4.84	6.92	5.84	2.33	6.74	5.50	5.05	0.54	3.94	0.82	2.57	4.81	4.97	8.67	6.39	62.68	66.95	---
146	YOUNG HARRIS	F-4	TVA	1920	17	11.70	5.58	3.34	4.83	8.15	6.76	3.67	3.66	2.15	3.36	4.03	4.93	3.64	5.26	3.14	4.00	1.36	3.32	1.13	2.25	3.73	3.87	3.84	4.64	49.88	52.46	2.0
147	BRASSTOWN BALD (R)	F-4	TVA	4780	20	11.91	6.44	3.85	5.44	7.73	6.84	5.18	5.08	3.37	4.22	9.90	4.86	5.56	6.22	3.62	5.73	0.73	4.36	0.67	3.65	5.11	4.14	5.36	5.28	62.99	62.26	---
144	ANDREWS DAM	F-3	NPCO	1670	20	10.99	5.07	2.68	4.28	6.48	5.21	3.57	3.87	2.82	3.09	4.04	4.19	0.84	5.73	4.90	4.07	1.19	2.68	0.87	2.33	3.75	2.83	4.64	3.91	46.77	47.26	---
572	CHATUGE DAM	F-3	TVA	1930	13	11.01	5.79	2.26	5.25	7.59	6.12	3.14	3.67	2.45	3.92	4.33	4.36	4.02	4.97	3.24	3.47	1.52	3.45	0.88	2.22	3.38	3.39	4.09	4.90	47.91	51.51	3.5
151	HIAWASSEE	F-4	TVA	1950	12	#11.47	5.10	4.22	5.59	#8.49	5.89	#5.32	4.95	2.33	3.28	5.63	4.16	3.23	6.87	3.46	4.71	0.51	3.03	0.96	2.30	3.29	2.95	5.80	4.96	#54.71	53.79	---
152	GLADE GAP (R)	F-3	TVA	3800	20	14.02	6.99	2.16	5.91	9.44	6.70	3.86	4.68	2.76	4.18	5.54	5.20	6.48	7.22	6.98	5.47	0.89	3.77	0.81	2.89	4.59	3.88	5.52	5.50	63.05	62.39	---
153	LITTLE HIGHTOWER	F-4	TVA	2150	20	9.44	5.77	#3.99	5.28	#8.46	7.22	5.09	4.99	2.12	3.95	#4.37	4.95	3.23	6.42	2.80	5.45	0.45	4.27	0.68	3.35	4.83	4.22	5.12	5.34	#50.58	61.21	3.5
574	TITUS	F-4	TVA	2180	13	11.37	6.22	5.30	6.01	8.02	8.27	5.07	5.09	3.06	4.57	4.20	5.21	3.99	5.89	4.26	5.35	0.48	5.31	0.41	3.32	5.24	4.57	5.74	5.80	57.14	65.61	3.0
154	TRAY MOUNTAIN (R)	F-4	TVA	3900	20	13.56	7.78	4.06	6.17	8.12	7.95	5.61	5.67	2.73	4.78	9.36	5.19	2.92	7.51	4.83	7.31	0.27	5.20	0.40	4.57	5.39	5.21	9.42	6.77	66.67	74.11	---
	LITTLE TENNESSEE RIVER BELOW FONTANA DAM																															
171	MCGHEE	E-3	TVA	810	51	13.12	5.07	2.39	4.80	5.83	5.11	2.93	4.03	3.34	4.38	3.04	3.71	1.39	5.25	4.13	4.01	0.65	2.79	1.69	2.84	3.77	3.63	6.17	4.76	48.45	50.38	5.2
173	KITTIE	E-3	TVA	1000	20	12.59	6.05	2.77	4.64	5.49	5.44	3.76	3.89	3.76	4.26	5.15	3.37	2.16	4.54	4.45	4.41	0.52	2.64	0.99	2.50	4.38	3.73	5.50	4.24	51.52	49.71	8.0
174	TELLICO PLAINS	E-3	TVA	940	41	12.29	5.62	2.72	5.28	6.88	6.22	4.18	4.24	3.43	5.09	6.09	4.37	1.63	5.35	3.32	5.01	0.77	3.32	1.30	3.19	4.29	3.98	6.54	4.81	53.44	56.48	5.5
374	TELLICO RANGER STATION	E-3	USFS	1100	16	11.77	6.12	3.17	5.05	7.33	5.61	3.07	4.00	3.07	4.00	4.08	4.45	1.30	4.75	1.82	3.93	0.96	2.61	1.39	2.58	3.54	3.67	5.87	4.47	47.37	51.24	---
179	HAW KNOB (R)	E-3	TVA	4980	20	16.06	8.41	3.08	6.76	8.60	7.64	6.13	5.52	4.37	5.44	13.30	6.01	4.44	8.31	4.51	6.44	0.86	3.97	1.42	3.24	6.14	4.85	8.96	6.30	77.87	72.89	---
175	MINT	E-3	TVA	920	20	12.81	5.89	2.58	4.84	3.99	5.26	3.62	3.67	3.14	4.02	3.00	3.56	2.86	5.56	1.93	4.82	0.67	2.94	1.84	2.54	2.97	3.80	5.17	4.44	44.58	51.34	4.0
668	ABRAMS CREEK	F-3	USDI	1400	9	13.72	7.88	2.45	4.93	8.01	6.10	6.17	4.29	3.64	5.04	4.48	4.24	3.65	5.22	2.90	3.87	1.30	2.92	2.99	2.75	4.29	5.47	7.53	4.79	61.13	57.50	11.5
176	CALDERWOOD POWERHOUSE	F-3	ALCOA	950	24	11.77	5.36	2.40	4.98	7.10	5.63	3.91	4.16	4.83	4.46	3.52	3.98	2.87	5.73	4.76	5.28	1.80	2.82	1.31	2.81	3.89	3.21	4.40	4.30	52.56	52.72	---
178	CHEOAH DAM	F-3	ALCOA	1110	25	12.12	5.75	2.38	5.44	8.62	6.25	3.56	4.37	4.24	4.50	3.93	4.52	3.00	5.72	5.34	5.07	1.89	3.06	1.38	2.91	4.29	3.36	5.75	5.09	56.50	56.04	---
180	SANTEETLAH DAM	F-3	ALCOA	1960	24	13.12	6.66	2.82	5.64	7.32	6.57	3.09	4.24	3.49	3.89	3.64	4.06	3.09	5.26	3.91	4.81	1.33	2.70	1.49	2.56	4.46	3.80	7.44	5.86	55.20	56.05	---
550	SANTEETLAH GAP	F-3	TVA	2780	14	#12.40	8.21	#2.49	6.44	6.64	7.71	2.98	4.24	#3.50	4.58	4.48	5.07	2.09	5.90	2.69	4.19	1.82	4.13	1.27	2.85	3.59	4.85	7.18	6.82	#51.13	64.99	10.5
660	TWENTYMILE	F-3	USDI	1310	9	11.09	7.80	2.73	5.04	7.74	6.79	4.94	4.29	4.61	5.20	3.79	5.20	3.56	4.85	3.98	4.19	1.08	3.33	1.46	2.91	4.21	5.38	5.99	5.36	55.18	60.34	14.0
592	FONTANA DAM	F-3	TVA	1312	13	11.82	6.48	2.33	5.29	7.94	6.50	3.60	3.65	3.06	4.44	3.26	5.10	2.48	5.22	3.25	4.06	0.76	3.48	1.10	2.33	3.85	4.04	5.97	5.41	49.42	56.00	---
	LITTLE TENNESSEE RIVER ABOVE FONTANA DAM																															
181	PROCTOR	F-3	TVA	1735	20	13.92	7.08	2.81	5.81	7.93	6.48	2.66	4.38	3.43	4.19	3.08	4.61	2.20	6.26	4.09	4.26	0.65	3.15	0.69	2.67	4.08	3.76	7.20	5.21	52.74	57.86	10.4
182	STECOAH	F-3	TVA	2030	20	13.82	7.27	2.62	5.78	8.47	6.64	#2.95	4.65	2.75	4.02	3.61	4.56	4.18	6.16	4.40	4.02	1.32	3.15	1.13	2.56	3.67	3.74	6.26	5.22	#55.18	57.77	9.0
696	FORNEY CREEK	F-3	TVA	2180	6	12.98		2.71		8.89		#3.75		3.03		3.20		1.98		4.07		0.24		1.52		5.05		6.47		#53.89		18.0
184	CLINGMANS DOME (R)	F-3	TVA	6400	19	15.55	9.73	3.61	7.63	10.05	8.47	7.94	6.31	3.65	5.88	3.67	6.30	4.10	8.74	7.26	8.13	1.41	5.05	3.88	4.40	6.70	6.16	9.06	7.17	76.88	83.97	---
185	BRYSON CITY (R)	F-3	TVA	2000	67	12.18	5.12	2.27	5.06	7.71	5.91	2.47	4.12	2.21	4.07	2.90	4.29	2.76	5.36	3.55	4.74	0.53	3.17	0.41	2.71	3.16	3.24	4.50	4.92	44.65	52.71	---
525	ELA, NEAR	F-3	NPCO	1830	13	12.69	6.28	2.48	4.95	9.27	6.22	1.66	3.43	1.83	4.31	2.61	4.00	2.54	5.16	3.05	4.90	0.70	3.13	1.51	2.48	3.57	3.56	4.52	5.26	46.43	53.68	---
542	CHEROKEE	F-3	USDI	1950	13	10.30	6.01	1.90	4.80	6.06	5.97	3.22	3.12	1.56	3.31	2.52	4.10	3.60	5.45	3.91	3.74	0.76	2.57	1.43	2.09	3.73	3.55	4.09	4.99	43.08	49.70	7.5
186	RAVENSFORD	F-3	USWB	2100	22	13.28	6.79	2.38	5.80	8.13	6.84	3.29	4.34	2.15	4.13	1.88	4.02	3.40	6.07	4.04	5.11	----	----	1.41	2.67	3.78	3.86	5.02	5.18	-----	-----	---
187	SPRUCE MOUNTAIN (R)	F-3	TVA	4800	20	11.74	6.90	2.64	5.33	7.85	6.23	#3.93	4.13	3.48	3.76	#2.46	4.39	3.21	6.36	4.86	5.08	1.30	3.59	1.77	2.99	3.79	4.16	5.86	5.02	#52.89	57.94	---
377	JACK COVE	F-3	TVA	1920	17	11.43	5.61	3.42	5.08	7.22	5.86	2.00	3.30	2.41	3.52	1.85	3.83	4.31	5.30	2.58	4.07	1.34	2.79	0.68	1.82	3.60	3.30	5.28	4.61	46.12	49.09	7.5
249	BALSAM	F-3	TVA	3330	13	11.39	6.33	2.56	5.29	8.31	6.43	3.34	3.75	3.24	4.58	3.36	4.20	2.00	5.64	3.77	5.46	0.73	3.93	0.91	2.76	3.55	3.96	5.84	5.47	49.00	57.80	20.0
189	CULLOWHEE	F-3	USWB	2100	45	9.44	3.90	2.52	3.20	6.33	5.20	2.18	3.60	2.50	3.60	2.90	4.00	1.45	4.20	4.87	4.00	1.17	3.50	1.23	2.70	2.79	2.20	4.58	4.20	41.96	44.30	5.5
564A	THORPE POWERHOUSE	F-3	NPCO	2320	13	10.70	5.74	3.31	4.93	6.41	6.83	3.96	3.78	2.06	3.96	5.08	4.41	2.70	4.96	5.17	4.37	0.55	3.86	0.96	2.72	3.52	3.77	5.16	5.21	49.58	54.54	---
509	LAUREL MOUNTAIN (R)	F-3	TVA	4260	14	9.57	7.22	3.99	6.05	8.34	8.72	5.35	4.99	2.38	4.80	3.47	6.12	1.76	6.92	3.43	5.86	1.56	5.33	1.80	4.22	4.96	5.70	11.02	7.64	57.63	73.57	---
190	HAYWOOD GAP (R)	G-3	TVA	5400	20	11.22	6.50	4.77	5.38	6.88	6.95	4.66	4.90	2.69	4.20	3.08	5.21	2.94	7.11	3.96	6.90	0.80	4.91	2.97	4.21	4.88	4.75	6.60	5.56	55.45	66.58	---
191	OWENS GAP	G-3	TVA	3720	20	9.59	7.03	5.20	5.86	8.71	7.66	5.46	5.63	3.88	4.54	2.00	5.36	1.90	7.22	3.50	7.42	1.50	5.14	1.80	4.16	5.98	5.40	7.78	6.84	57.30	72.26	12.0
193	NANTAHALA	F-3	NPCO	2020	20	13.45	7.11	2.66	6.18	7.79	6.84	4.52	4.82	2.79	4.11	7.47	4.86	6.38	6.20	4.59	4.70	0.66	3.19	1.81	2.78	3.97	3.81	6.72	5.28	62.81	59.88	14.2
594	NANTAHALA DAM	F-3	NPCO	2950	13	13.34	8.21	2.29	6.37	8.34	7.67	4.99	4.40	2.75	4.86	6.24	4.66	4.56	6.08	5.34	4.24	0.76	4.16	0.81	2.72	3.95	4.53	8.73	6.77	62.10	64.67	---
194	NEEDMORE	F-3	TVA	1830	20	12.84	6.41	2.32	5.03	7.42	5.99	3.05	3.86	2.22	3.26	4.12	3.90	2.32	5.36	4.90	4.08	0.64	2.76	1.59	2.32	3.61	3.49	5.42	4.67	50.45	51.13	11.4
195	RAVEN MOUNTAIN (R)	F-3	TVA	4500	20	11.98	6.82	3.00	5.40	6.99	5.99	2.39	4.01	1.91	3.70	5.04	4.52	2.44	6.30	4.54	5.19	0.20	3.41	0.95	2.65	2.90	3.76	5.71	5.13	48.05	56.88	---
196	FRANKLIN POWERHOUSE	F-3	NPCO	2000	21	10.37	5.27	#3.65	4.47	8.03	5.69	2.13	3.62	3.11	3.26	3.05	4.37	3.16	5.24	4.37	4.54	0.33	3.21	1.01	2.53	3.64	3.05	5.14	4.28	#47.99	49.53	---
198	FRANKLIN	F-3	TVA	2130	6	10.02	5.56	3.17	4.12	7.16	6.51	2.69	3.23	2.57	3.60	3.38	5.18	4.34	4.82	4.09	4.72	0.32	3.81	0.82	2.26	3.29	2.82	5.00	5.05	46.85	51.68	1.5
586	CARTOOGECHAYE CREEK	F-3	TVA	2200	13	11.68	6.50	3.96	5.78	8.00	7.62	3.87	3.99	4.03	4.27	3.24	4.48	3.81	5.69	3.64	4.32	0.99	4.27	1.79	2.90	4.56	4.44	6.51	6.31	56.08	60.57	3.0
197	WAYAH BALD (R)	F-3	TVA	5350	20	15.59	8.67	3.33	6.68	11.28	7.59	4.02	4.97	3.99	4.49	5.30	4.96	5.19	6.63	7.33	5.12	0.50	4.12	2.44	3.28	5.92	4.74	8.12	6.29	73.01	67.54	---

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1954 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs.of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	LITTLE TENNESSEE RIVER ABOVE FONTANA DAM (CONT'D)																															
199	OTTO	F-3	TVA	2300	20	10.35	5.77	2.62	5.27	7.26	6.46	#4.75	4.33	2.57	3.49	3.27	4.27	2.44	5.62	3.77	5.22	1.26	3.80	1.08	2.84	#3.90	3.93	5.34	5.08	48.61	56.08	0.5
200C	COWEETA NO. 8	F-3	USFS	3880	19	17.12	9.46	8.60	9.05	11.50	10.80	7.65	7.09	4.79	5.74	4.62	6.54	9.87	8.73	3.39	7.26	0.93	6.42	1.19	5.40	6.60	6.77	13.63	9.72	89.89	92.98	---
200	COWEETA NO. 1 (R)	F-3	USFS	2875	20	12.38	7.30	6.83	6.81	9.41	7.99	5.28	5.49	4.36	4.30	3.72	5.14	5.97	6.40	3.53	5.75	2.04	4.49	1.03	3.83	4.86	5.15	8.98	6.71	68.39	69.36	---
201A	HIGHLANDS	F-3	TVA	3800	13	11.79	9.24	5.26	7.43	8.18	10.28	9.51	6.32	2.29	5.63	3.37	6.51	2.73	8.42	7.15	6.81	0.14	6.83	0.63	4.78	5.42	6.77	12.70	8.49	69.17	87.51	12.5
201	HIGHLANDS, NEAR	F-3	USWB	3350	66	11.28	6.90	5.14	6.70	7.01	8.40	5.75	6.40	1.63	6.00	5.67	7.40	2.29	8.70	5.26	7.50	0.29	6.80	0.83	6.30	4.62	5.00	11.39	8.80	61.16	84.90	4.6
204	CLAYTON	F-4	USWB	2000	60	11.92	6.13	4.83	6.40	7.40	6.90	4.57	5.75	2.62	4.75	4.24	5.29	3.68	6.96	4.23	6.49	0.44	4.95	0.31	4.34	3.54	4.22	8.41	7.10	56.19	69.28	---
	FRENCH BROAD RIVER																															
642	SEVIERVILLE	F-3	TVA	900	36	11.74	4.66	1.79	4.04	6.11	4.85	4.74	3.73	2.64	4.28	1.42	4.55	3.26	4.61	3.92	4.03	1.30	2.99	1.19	2.55	3.64	3.08	5.06	4.41	46.81	47.78	9.2
496	PIGEON FORGE	F-3	TVA	1012	14	11.64	4.99	3.04	4.03	5.69	4.77	2.56	3.06	#2.50	3.38	2.16	4.09	1.80	4.95	4.61	4.11	1.90	2.88	2.52	2.34	3.79	3.10	5.06	3.79	47.27	45.49	15.0
209	GATLINBURG, NEAR	F-3	USWB	1460	29	12.17	4.81	2.78	4.68	6.81	5.54	6.15	4.10	3.80	4.89	2.49	4.87	4.18	5.91	4.67	5.74	1.80	3.03	2.38	3.24	3.54	2.99	4.58	4.54	55.35	54.34	---
210	MT. LE CONTE	F-3	TVA	6350	-	-----	----	----	----	----	----	----	----	5.53	6.01	5.01	6.74	5.97	9.97	6.54	7.93	3.00	4.94	2.54	3.54	----	----	----	----	-----	-----	---
593	DOUGLAS DAM	F-3	TVA	928	13	11.30	5.14	1.55	4.53	6.67	4.49	3.35	2.83	2.86	3.40	3.52	3.23	2.45	4.12	2.60	3.01	1.51	2.51	1.63	2.02	3.52	3.39	5.43	3.97	46.39	42.64	6.7
211	DANDRIDGE	F-2	TVA	1040	50	10.49	4.25	1.42	4.36	6.62	4.58	3.55	3.49	2.85	3.88	1.34	3.39	4.15	4.91	4.41	3.98	1.69	2.82	1.15	2.40	3.09	2.84	4.91	4.00	45.67	44.90	8.5
212	WHITE PINE	F-2	TVA	1165	20	9.20	4.17	1.73	3.79	6.02	4.31	4.12	3.06	3.03	3.13	1.76	3.43	2.95	4.61	3.91	3.82	1.49	2.56	1.94	2.10	2.92	2.86	4.53	3.17	43.60	41.01	5.0
213	BULLS GAP	F-2	TVA	1060	20	10.01	4.72	1.56	4.03	4.44	4.82	2.78	3.17	3.36	3.30	0.75	3.81	3.52	4.99	2.28	3.65	1.05	2.60	1.15	2.15	2.58	3.25	4.35	3.63	37.83	44.12	8.6
214	LICK CREEK (R)	G-2	TVA	1180	19	7.54	4.01	0.92	3.32	4.67	3.75	3.11	2.45	2.81	3.14	2.54	2.86	4.94	4.61	2.00	3.2[illegible]	1.11	2.20	1.79	2.02	2.59	2.46	3.78	2.97	37.80	37.03	---
215	JEAROLDSTOWN	G-2	TVA	1465	20	7.57	4.55	1.12	3.92	4.56	4.63	2.89	3.17	3.52	3.52	3.37	3.76	3.73	5.04	1.74	4.04	0.86	2.50	1.42	2.37	2.88	2.98	4.20	3.46	37.86	43.94	7.2
216	LITTLE CHUCKY	G-2	TVA	1340	20	8.15	4.23	1.28	3.87	5.96	4.52	3.61	3.34	3.40	3.26	0.78	3.79	4.16	4.83	1.57	3.64	1.23	2.78	2.95	2.40	3.16	2.85	3.81	3.03	40.06	42.54	12.6
661	NOLICHUCKY DAM	G-2	TVA	1220	10	9.59	5.24	1.02	3.37	6.80	4.31	4.88	2.77	4.51	4.44	1.65	4.18	4.29	4.56	2.18	3.57	1.44	2.60	3.54	2.19	2.99	3.19	3.10	3.16	45.99	43.58	---
475	GREENEVILLE, NEAR (R)	G-2	UT	1380	14	9.15	3.83	1.13	3.22	6.16	4.03	3.67	2.56	4.93	3.47	1.81	3.76	5.61	4.56	2.59	3.07	0.95	3.07	2.21	1.99	2.91	2.70	3.33	2.93	44.45	39.19	---
217	GREENEVILLE, NEAR	G-2	USWB	1320	22	8.57	3.94	1.63	3.68	6.46	4.26	2.96	3.14	5.05	3.32	1.52	3.38	5.62	5.17	2.27	3.90	1.68	2.78	2.44	2.40	2.97	2.43	3.02	3.32	44.19	41.72	19.9
218	CAMP CREEK BALD (R)	G-2	TVA	4560	20	10.42	5.70	#2.97	4.85	7.05	5.88	7.44	4.23	4.34	4.55	2.47	5.37	6.46	7.57	4.65	5.08	1.91	3.80	3.28	3.36	5.13	3.78	4.09	4.64	#60.21	58.81	---
219	LIMESTONE	G-2	TVA	1420	20	7.87	3.99	#1.03	3.34	5.05	4.17	3.22	3.00	3.67	3.40	2.51	3.69	4.20	5.42	3.35	3.57	1.34	2.68	2.14	2.08	2.47	2.56	3.37	2.80	#40.22	40.70	14.2
730	CENTERSVILLE	G-2	TVA	1650	2	8.84		1.78		5.06		3.67		3.66		0.96		4.52		2.58		0.80		2.29		3.29		7.13		44.58		23.7
220	EMBREEVILLE	G-2	TVA	1590	29	7.19	3.37	1.86	3.68	6.97	4.36	5.45	3.25	4.44	4.28	1.27	4.06	3.38	6.05	4.33	4.19	1.72	2.96	4.68	2.91	2.99	2.50	3.32	3.14	47.60	44.75	18.2
221	ERWIN	G-2	TVA	1750	27	7.81	3.39	1.71	3.81	6.02	4.77	4.58	3.32	4.72	4.48	0.99	4.41	3.98	6.21	5.37	4.48	1.02	3.25	3.92	2.87	3.43	2.55	2.74	3.27	46.29	46.81	26.0
643	LIMESTONE COVE	G-2	TVA	2365	10	7.70	5.30	2.30	3.57	7.15	4.71	5.28	4.14	#5.03	4.09	1.92	4.61	7.62	6.01	3.49	4.37	1.74	3.27	4.05	2.48	2.98	3.88	2.78	3.59	#52.04	50.02	25.5
659	POPLAR	G-2	TVA	2000	9	8.39	4.69	2.62	3.43	6.51	4.75	4.00	3.49	4.51	4.24	1.87	4.41	3.01	4.83	5.14	4.16	1.52	3.16	3.65	2.47	3.32	3.56	3.75	3.39	48.29	46.58	19.5
223	FLAT TOP MOUNTAIN	G-2	TVA	2880	20	9.63	5.02	2.89	4.28	8.28	5.17	4.32	3.72	6.43	3.95	1.71	4.79	5.40	6.57	7.09	5.16	2.67	3.42	5.33	2.85	3.20	3.44	3.31	3.70	60.26	52.07	37.0
224	BEAUTY SPOT (R)	G-2	TVA	4210	20	9.05	4.62	#2.96	3.76	6.14	4.61	5.42	3.65	4.11	3.76	1.52	4.28	4.40	6.23	1.84	4.23	1.82	3.47	4.32	2.72	3.80	3.31	4.10	3.52	#49.48	48.16	---
226	CANE RIVER	G-3	TVA	2500	20	9.28	4.15	2.06	3.67	7.61	4.53	2.41	3.03	2.84	3.22	1.81	3.42	4.83	4.61	2.41	3.88	0.90	2.93	1.78	2.38	3.05	2.74	2.75	2.75	41.73	41.31	23.9
227	MCKINNEY GAP	G-3	TVA	3960	20	11.87	6.70	4.23	5.80	10.18	6.94	5.72	4.64	3.28	4.66	3.99	4.73	4.19	6.34	8.02	4.92	1.32	3.59	4.07	3.14	5.80	4.11	6.49	4.74	69.16	60.31	61.1
228	COXCOMBE MOUNTAIN (R)	G-3	TVA	4250	20	7.87	3.96	1.96	3.52	6.18	4.51	3.48	3.21	2.95	3.64	2.73	3.94	5.16	5.26	4.39	4.46	1.28	3.11	2.00	2.84	2.51	2.62	2.23	3.00	42.74	44.07	---
733	CLINGMANS PEAK	G-3	USWB	6525	1	9.00		4.47		8.28		4.32		5.32		4.49		4.65		2.79		1.65		2.16		5.15		7.44		59.72		99.4
229	DAYBOOK	G-3	TVA	2350	20	#7.05	4.09	1.36	3.38	#6.65	4.35	#1.98	2.98	3.05	3.25	0.88	3.39	#2.94	4.57	3.37	4.06	0.76	3.16	2.19	2.27	2.25	2.60	1.59	2.65	#34.07	40.75	14.0
231	ROAN HIGH KNOB (R)	G-2	TVA	6100	20	#7.70	4.75	3.48	3.99	6.79	4.80	5.36	3.95	6.39	4.64	2.00	4.94	6.89	6.84	3.86	4.75	2.82	3.88	3.51	3.19	3.95	3.58	5.00	3.44	#57.75	52.75	---
402	BAKERSVILLE	G-2	TVA	2475	16	8.40	3.39	1.95	3.36	6.24	4.00	3.33	2.92	4.27	3.60	3.57	3.98	2.76	4.47	1.83	4.24	1.92	2.85	1.42	2.19	3.03	2.42	2.61	2.97	41.33	40.39	15.3
232	CELO	G-3	TVA	2820	20	7.31	4.70	3.09	3.85	5.97	5.44	4.09	3.63	6.59	3.69	1.00	3.50	2.76	5.25	3.72	5.61	1.36	3.87	1.85	3.14	3.71	3.14	4.00	3.75	45.45	49.57	11.0
622	CELO, NEAR	G-3	USWB	2700	12	9.90	5.13	3.74	4.72	8.00	6.78	3.81	3.65	7.65	4.16	0.96	4.18	3.32	4.62	3.67	4.51	1.91	4.52	2.38	2.98	3.90	3.66	5.44	4.70	54.68	53.61	9.8
233A	MT. MITCHELL (R)	G-3	TVA	6620	30	13.31	4.26	5.02	4.91	9.33	6.71	6.59	6.10	6.45	5.41	3.34	6.69	5.88	7.91	3.56	9.04	1.82	6.64	2.77	5.63	8.38	4.63	8.98	6.56	75.43	74.49	---
234	SNOW CREEK	G-3	TVA	2600	20	6.15	3.75	1.95	3.28	6.67	4.50	2.00	3.09	3.65	3.09	3.30	3.91	2.88	5.10	1.85	4.29	2.40	3.30	1.32	2.35	3.01	2.79	#2.15	3.11	#37.33	42.56	20.4
623	SPRUCE PINE	G-3	TVA	2620	12	6.57	4.03	3.39	3.60	5.23	5.40	2.42	3.05	4.35	3.32	3.77	3.72	3.03	4.00	1.59	4.43	0.64	3.98	0.77	2.79	3.29	3.64	4.43	3.42	39.48	45.38	10.7
235	LITTLE SWITZERLAND (R)	G-3	TVA	3550	20	7.64	5.22	3.55	3.84	6.18	5.78	3.67	3.94	5.09	3.84	2.52	4.10	3.18	6.31	1.96	6.77	0.71	4.55	1.16	3.69	4.67	4.35	6.02	4.55	46.35	56.94	---
729	GILLESPIE GAP	G-3	USWB	2825	2	7.37		3.67		5.03		2.63		4.60		3.20		2.35		2.15		0.72		0.64		4.03		4.84		41.23		---
236	ALTAPASS	G-3	TVA	2600	41	7.11	3.86	4.01	3.29	5.49	4.93	3.14	3.81	3.91	3.94	4.59	3.68	3.97	6.06	2.07	4.62	0.74	3.73	1.24	3.46	3.85	3.24	5.58	4.01	45.70	48.63	5.1
237	PLUMTREE	G-2	TVA	2900	20	7.76	4.59	3.36	4.02	5.81	4.68	2.81	3.70	4.89	3.78	1.80	4.04	3.48	5.40	2.85	4.95	2.93	3.56	1.49	2.97	3.98	3.53	4.88	3.56	46.04	48.78	12.2
238	SMOKY GAP	H-2	TVA	3675	20	6.67	4.22	3.22	3.63	4.96	4.26	#5.47	3.57	5.75	4.27	1.59	4.68	5.50	5.55	2.27	5.06	2.19	3.48	2.51	2.74	3.32	3.47	4.56	3.13	#48.01	48.06	42.0
378	CROSSNORE	H-2	USWB	3430	41	6.97	3.85	5.52	4.03	4.74	5.28	2.81	4.29	6.04	4.68	2.41	5.72	6.89	7.00	3.25	5.75	4.23	4.74	1.38	4.95	3.58	3.37	4.87	5.14	52.69	58.80	28.7
241	NEWPORT	F-3	USWB	1080	64	10.77	4.07	2.02	4.24	6.60	4.47	3.58	3.50	5.45	4.02	1.07	3.96	3.10	5.23	3.42	4.06	1.51	2.77	2.16	2.56	3.37	2.57	3.87	3.66	46.92	45.11	10.4
241A	NEWPORT	F-3	TVA	1050	12	10.28	4.64	2.04	4.24	6.72	4.53	3.93	3.11	5.57	3.63	1.64	3.64	2.61	4.38	3.28	3.31	1.39	2.70	2.43	2.05	3.11	3.07	3.98	3.45	46.98	42.75	12.0
538	COSBY NO. 4	F-3	USDI	1720	14	10.99	5.48	3.13	4.39	7.36	5.70	5.32	3.95	6.87	4.46	2.47	4.66	4.01	6.49	4.46	4.29	1.15	2.62	3.24	2.78	3.11	3.58	3.60	4.34	55.71	52.74	16.0
243	HARTFORD	F-3	TVA	1260	20	11.24	4.53	2.70	3.92	5.86	4.66	4.25	3.52	5.28	3.98	1.30	4.49	5.45	6.27	5.26	4.79	1.38	2.46	2.79	2.40	3.14	2.78	3.19	3.56	51.84	47.36	11.6
244	WATERVILLE POWERHOUSE	F-3	USWB	1410	24	8.93	3.47	3.38	3.68	7.03	4.35	3.09	4.27	4.40	4.48	1.83	5.54	6.04	5.29	4.91	5.00	1.95	3.92	1.40	3.09	2.55	2.13	3.49	3.86	49.00	49.08	----
245	MT. STERLING	F-3	TVA	2950	20	10.01	5.26	2.49	4.38	7.36	5.42	3.24	3.43	4.38	4.06	2.49	4.41	6.29	6.88	6.61	4.94	1.68	3.12	1.77	2.48	3.55	3.31	5.44	3.83	55.31	51.52	39.8
656	CATALOOCHEE	F-3	USDI	2620	10	11.37	6.39	2.65	3.76	7.38	5.80	#3.49	3.20	3.45	3.47	2.66	4.15	3.04	5.70	5.22	4.48	0.84	2.85	1.49	2.17	3.57	3.92	#5.31	4.46	#50.47	50.35	29.5
407	CATALOOCHEE RANCH	F-3	TVA	4800	16	12.31	6.94	4.42	5.94	9.60	7.38	6.72	4.19	5.08	4.37	4.90	5.20	4.70	7.13	6.83	5.20	1.77	3.47	2.78	3.08	3.27	4.21	6.93	5.17	69.31	62.28	64.0
247	WAYNESVILLE	G-3	USWB	2675	61	9.07	3.75	2.12	4.04	6.46	5.05	3.67	3.68	2.70	3.98	1.21	4.12	5.37	4.60	3.69	4.21	0.54	3.00	1.43	3.04	2.85	2.25	4.40	4.61	43.51	46.33	15.0
248	EAGLENEST MOUNTAIN	F-3	TVA	3280	20	10.08	6.89	3.55	5.85	6.90	6.73	2.75	4.15	3.30	3.73	3.50	4.36	4.25	6.17	4.31	4.28	0.60	3.06	1.00	2.55	2.75	3.83	5.45	5.11	48.44	56.71	10.4

(#) Interpolated or partly interpolated. (R) Recorder at present.

ANNUAL 1954 PRECIPITATION—In Inches

Sta. No.	Station Name and Location	Index	Owner	Elev.	Yrs.of Record	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		YEAR		Depth of Snow (Inches)
						Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	Total	Nor'l	
	FRENCH BROAD RIVER (CONT'D)																															
250	CHAMBERS MOUNTAIN (R)	G-3	TVA	4300	20	7.43	3.47	1.51	2.71	5.64	3.83	4.34	2.65	2.85	2.37	2.41	3.03	3.74	5.19	4.81	4.24	0.68	2.44	1.24	2.26	2.86	2.32	2.99	2.54	40.50	37.05	---
251	CANTON	G-3	CP&LCO	2600	24	7.58	2.75	3.34	3.27	5.41	4.00	2.98	3.62	2.32	3.44	1.10	3.55	4.95	3.92	2.91	4.18	1.14	3.39	2.02	2.76	2.49	1.80	2.83	3.36	39.07	40.04	---
253	DIX CREEK	G-3	TVA	3060	20	5.81	5.16	2.94	4.18	6.60	5.60	1.37	3.49	2.26	3.24	2.02	3.99	2.30	4.95	2.10	4.90	1.40	3.70	0.61	2.68	3.34	3.55	2.90	3.89	33.65	49.33	18.8
254	MT. PISGAH (R)	G-3	TVA	5160	20	7.67	5.23	4.60	4.33	6.08	5.80	2.58	4.28	3.91	4.16	4.90	5.10	2.81	6.51	4.45	6.93	0.41	5.13	3.27	4.65	#3.82	4.30	5.35	4.85	#49.85	61.27	---
629	BIG EAST FORK PIGEON	G-3	TVA	3410	12	10.47	7.63	5.37	6.67	8.54	9.67	4.58	5.92	4.59	4.86	3.01	5.68	4.89	6.85	2.77	5.21	0.35	6.75	1.91	4.89	5.60	6.90	9.97	6.88	62.05	77.91	14.5
255	WOLF CREEK	G-3	TVA	1200	20	8.82	3.98	2.04	3.48	6.99	4.50	2.92	2.93	3.75	3.54	1.20	3.95	5.92	5.82	4.11	3.89	2.81	3.11	1.23	2.16	#3.16	2.52	3.79	2.89	#46.74	42.77	9.7
256	HOT SPRINGS	G-3	USWB	1335	49	9.63	3.00	1.70	2.80	7.35	4.50	4.11	3.70	3.39	3.60	1.23	4.20	6.38	5.10	5.10	5.10	1.74	2.90	2.73	2.80	3.60	1.90	2.63	4.50	49.59	44.10	14.5
256A	HOT SPRINGS AIRWAYS	G-3	USWB	1380	14	9.08	3.00	2.05	2.80	7.18	4.50	3.97	3.70	3.64	3.60	0.92	4.20	6.12	5.10	4.71	5.10	1.99	2.90	2.30	2.80		1.90		4.50	-----	44.10	18.0
257	MAX PATCH MOUNTAIN (R)	G-3	TVA	4285	20	10.28	4.76	3.03	4.37	7.23	5.09	5.34	4.52	4.58	4.31	1.15	5.09	5.36	6.81	5.14	5.60	1.38	3.50	3.20	3.01	4.00	3.21	3.92	3.31	54.61	53.58	---
719	MAPLE SPRING GAP	G-3	TVA	4050	3	8.22		2.17		4.97		3.75		3.30		2.22		5.53		4.97		1.69		3.96		#3.16		3.19		#47.13		52.1
261	DOGGETT GAP	G-3	TVA	3490	20	8.75	4.47	2.36	3.74	5.93	5.00	2.83	3.36	3.50	3.41	3.13	4.57	4.92	6.03	4.12	5.51	1.14	3.13	3.88	2.82	3.58	2.99	4.01	3.29	48.15	48.32	33.3
259	CODY STORE	G-3	TVA	2450	20	#9.43	4.20	2.44	3.42	7.00	4.63	2.78	3.17	2.64	3.52	1.65	4.43	#5.14	5.79	5.34	4.43	2.47	3.06	2.88	2.37	2.93	2.70	#3.34	2.97	#48.04	44.69	29.2
672	SAMS GAP, RADIO	G-3	TVA	-	1	9.5		1.9		7.6		3.4		3.1		5.0		4.6		8.0		1.5		2.7		3.3		4.0		54.6		---
262	MARSHALL	G-3	USWB	1950	56	8.45	2.56	1.62	2.71	7.07	3.94	3.12	3.44	2.81	3.11	2.51	4.25	5.45	4.32	3.42	4.29	1.60	3.03	1.95	2.63	2.84	1.90	2.38	3.11	43.22	39.29	12.8
263	IVY	G-3	TVA	2150	20	7.72	3.71	1.66	3.34	6.48	4.18	1.97	2.87	2.16	3.13	1.29	3.86	4.83	4.16	5.11	3.80	1.73	2.42	2.50	2.13	2.53	2.32	2.32	2.52	40.30	38.44	9.0
264	BARNARDSVILLE	G-3	TVA	2250	20	6.95	3.68	2.53	3.31	5.98	4.20	2.65	2.73	2.09	2.90	1.76	4.13	5.44	4.84	4.83	4.11	1.29	2.53	2.24	2.35	2.32	2.56	2.30	2.58	40.38	39.92	13.5
666	WEAVERVILLE	G-3	TVA	2220	9	6.68	3.57	2.16	2.38	5.66	3.98	2.79	2.52	2.52	2.81	2.44	3.42	3.60	3.84	5.02	3.15	1.24	1.61	2.20	2.18	2.61	2.51	1.94	2.59	38.86	34.56	20.8
265	LEICESTER	G-3	TVA	2170	20	6.60	3.43	1.74	2.84	#6.62	4.02	3.15	2.80	4.20	3.01	2.18	3.74	3.33	5.05	2.92	4.51	0.85	2.38	3.01	2.17	#2.95	2.49	3.10	2.68	#40.65	39.12	9.1
267	ASHEVILLE (R)	G-3	USWB	2274	79	6.31	2.98	3.64	2.85	5.11	3.57	1.81	2.86	2.78	3.03	3.08	3.52	3.10	4.50	1.98	3.58	1.12	2.72	2.98	2.54	2.84	2.11	2.58	2.96	37.33	37.22	12.5
268A	BEETREE DAM	G-3	TVA	2540	7	7.11	3.78	3.01	3.22	5.66	5.43	3.92	3.01	3.33	3.52	3.08	4.69	1.97	4.59	3.44	4.46	1.05	3.51	1.82	1.99	2.85	3.32	3.04	3.77	40.28	45.29	3.3
268	BEETREE DAM (R)	G-3	TVA	2540	30	7.12	3.34	2.85	3.19	5.32	4.32	3.53	3.15	2.99	3.22	2.64	3.56	1.67	4.66	3.10	5.17	0.81	3.60	1.61	2.94	2.45	2.61	3.08	3.45	37.17	43.21	---
269	CRAGGY KNOB (R)	G-3	TVA	4970	4	7.85		3.92		7.19		5.28		3.93		3.12		4.42		4.17		1.26		3.40		4.02		4.63		53.19		---
270	SWANNANOA, NEAR	G-3	USWB	2250	24	7.43	3.76	3.57	3.26	5.64	4.29	2.45	2.91	3.00	2.78	3.25	3.28	0.99	4.49	1.93	5.08	0.53	3.19	0.92	3.06	2.38	2.56	3.42	3.47	35.51	42.13	5.0
271A	NORTH FORK NO. 2	0-3	USWB	2520	12	7.32	4.51	3.51	3.98	5.79	5.57	3.90	3.47	3.10	3.81	3.07	4.64	2.11	5.11	3.00	5.21	0.94	4.59	1.65	2.94	2.98	3.14	3.32	3.70	40.69	50.67	2.1
271	NORTH FORK (R)	G-3	TVA	2765	29	8.41	4.52	3.96	4.42	6.63	5.56	5.45	4.19	3.15	3.98	2.55	4.60	3.02	5.93	2.81	6.44	1.27	4.59	1.03	3.93	3.43	3.63	4.76	4.53	46.47	56.32	---
700	BLACK MOUNTAIN	G-3	USWB	2400	5	7.61		3.51		6.37		3.25		4.15		1.89		1.52		3.21		0.72		1.42		3.27		3.77		40.69		---
274	ENKA	G-3	USWB	2075	24	#7.54	3.28	3.19	2.96	6.40	3.45	2.26	3.04	2.89	2.77	0.78	3.41	4.54	4.92	5.08	3.83	0.54	2.49	5.60	2.48	#2.97	1.99	2.50	2.98	#44.29	37.60	5.5
266	ROCKYFACE MOUNTAIN	G-3	TVA	3100	20	7.76	3.75	1.93	3.14	5.67	4.25	2.98	2.85	2.36	2.93	2.66	3.61	3.47	4.51	3.25	4.49	0.47	2.87	1.68	2.28	2.71	2.44	2.97	2.83	37.91	39.95	15.0
275	BENT CREEK	G-3	USFS	2100	21	7.23	4.13	3.91	3.42	6.07	4.73	1.87	3.31	2.43	2.80	2.32	3.95	3.62	5.18	5.68	4.34	0.41	2.70	4.03	2.83	4.05	2.92	4.44	3.42	46.06	43.73	---
276	A&H AIRPORT	G-3	USWB	2094	20	7.36	4.43	4.74	3.77	6.03	5.00	3.35	3.32	2.64	3.31	1.83	3.64	2.33	5.61	3.24	4.88	0.41	3.02	1.06	2.81	4.33	3.05	4.10	3.65	41.42	46.49	---
277	GARREN CREEK	G-3	TVA	2620	19	8.68	5.22	4.71	4.47	7.97	6.14	3.16	4.12	3.83	3.65	2.54	5.45	1.07	5.92	1.98	6.69	1.10	4.99	0.99	4.22	4.10	4.07	5.00	4.52	45.13	59.46	3.5
714	EDNEYVILLE (R)	G-3	TVA	2240	4	6.82		2.89		5.93		3.57		3.90		1.41		4.10		2.13		0.05		0.14		2.92	DISCONT'D 11/30/54			-----		---
278	BLUE RIDGE POST OFFICE (R)	G-3	TVA	2270	20	7.30	4.87	2.90	4.21	6.05	5.55	2.51	3.58	2.96	3.86	2.48	4.45	3.54	6.55	3.46	5.70	0.11	4.62	0.62	3.54	3.59	3.61	5.56	4.43	41.08	54.97	---
279	HENDERSONVILLE	G-3	USWB	2153	58	#7.72	4.55	4.50	4.60	6.53	5.31	3.04	4.23	4.43	4.86	2.10	5.54	5.23	6.07	1.90	6.08	0.30	4.75	1.82	4.52	5.02	3.03	5.33	5.88	#47.92	59.42	1.4
279A	HENDERSONVILLE	G-3	TVA	2195	7	8.06	4.87	4.64	4.18	6.49	7.15	3.42	3.16	5.19	4.09	3.10	5.63	5.12	5.98	1.97	5.93	0.30	3.83	1.36	2.70	4.99	4.63	5.90	5.38	50.54	57.53	2.2
280	RUSH MOUNTAIN	G-3	TVA	3000	20	9.68	6.80	5.60	5.67	6.75	7.58	4.10	5.03	6.45	4.53	3.83	5.07	2.25	7.14	1.90	7.65	0.35	4.78	0.75	4.72	5.82	5.43	10.30	6.68	57.78	71.08	9.1
282	PINK BEDS (R)	G-3	TVA	3300	19	9.60	6.84	5.00	5.96	7.25	7.62	4.72	5.43	3.48	4.42	3.28	5.39	4.01	6.44	3.37	6.89	0.13	5.01	3.35	4.66	4.52	5.17	10.25	7.09	58.96	70.92	---
281	MILLS RIVER (R)	G-3	TVA	2090	20	7.44	5.13	2.77	4.14	5.46	5.06	3.55	3.60	3.12	3.77	1.63	4.10	1.72	5.97	4.12	5.30	0.00	3.69	1.66	3.16	4.01	3.51	5.20	4.16	40.68	51.59	---
281B	HENDERSONVILLE, NEAR	G-3	NC	2060	1	ESTABLISHED MAY 14, 1954								----		1.84		2.17		4.88		0.03		2.02		4.22		----		-----		---
283	CEDAR MOUNTAIN (R)	G-3	TVA	2750	19	11.47	7.44	6.69	6.48	7.33	8.32	5.75	5.67	4.34	5.18	1.32	6.12	4.27	8.02	4.45	8.51	1.44	5.41	0.68	4.92	6.52	6.17	11.53	7.46	65.79	79.70	---
284	CAESARS HEAD	G-3	USWB	3115	30	12.29	6.77	6.44	5.45	7.68	6.57	4.60	5.11	3.62	4.95	1.16	5.25	3.36	7.15	3.50	8.12	0.75	5.69	0.74	5.51	6.06	5.57	11.38	7.16	61.58	73.30	0.8
476	PISGAH FOREST	G-3	USWB	2150	15	8.92	5.56	3.07	4.84	7.91	7.32	3.25	3.99	3.70	4.62	0.69	5.00	5.31	6.46	3.11	6.74	0.61	4.50	2.40	3.22	3.85	4.63	8.54	5.82	51.36	62.70	T
662	GLOUCESTER GAP (R)	G-3	TVA	3050	9	9.27	7.48	6.01	5.79	7.99	8.92	5.81	4.83	3.38	4.66	2.17	6.48	2.03	7.27	2.76	7.08	0.13	5.72	1.79	4.95	4.64	6.36	9.17	7.01	55.15	76.55	---
285	BREVARD	G-3	USWB	2120	51	8.92	4.50	4.13	4.40	8.09	5.10	3.11	4.40	2.77	5.20	0.82	5.80	6.46	6.80	3.08	6.60	0.45	4.90	2.43	4.90	3.95	3.20	8.48	5.80	52.69	61.60	T
286	ROSMAN NO. 2	G-3	TVA	2220	20	11.36	7.44	5.41	6.33	7.77	7.70	5.59	5.43	3.97	5.02	3.94	5.49	4.33	8.41	4.78	7.59	0.23	5.00	2.21	4.42	5.40	5.59	11.66	7.05	66.65	75.47	T
640	SASSAFRAS MOUNTAIN	G-3	TVA	3500	13	10.03	6.99	4.23	6.06	7.85	9.18	6.11	5.03	4.90	5.33	4.11	6.25	2.26	8.34	5.71	7.00	#0.22	6.05	1.46	4.74	5.44	6.43	10.03	7.45	#62.35	78.85	11.2
663	QUEBEC (R)	G-3	TVA	2600	9	9.59	8.09	6.01	6.18	6.54	9.53	7.02	5.22	2.33	4.72	2.69	5.85	3.00	6.90	3.97	5.99	0.94	5.74	0.79	4.53	4.92	7.01	10.40	7.91	58.20	77.67	---
723	LAKE TOXAWAY	G-3	USWB	3020	3	11.69		5.75		8.40		6.76		3.01		3.02		2.79		2.36		#0.34		1.79		5.68		11.15		#62.74		2.0
	UNCLASSIFIED STATIONS																															
412	JACKSON SUBSTA.	A-3	TVA	359	16	10.33	6.51	4.32	5.03	2.56	5.58	5.88	4.89	4.03	4.22	1.82	4.53	2.16	3.79	2.53	3.93	2.88	3.34	1.52	2.46	1.58	5.04	4.40	4.81	44.01	54.13	1.5
413	MARTIN SUBSTA.	A-2	TVA	385	16	7.18	5.31	3.37	4.61	3.80	6.27	3.34	4.26	2.60	4.10	3.43	4.16	1.03	4.02	2.08	3.02	4.09	3.18	2.77	2.91	0.55	4.26	6.05	4.40	40.29	50.50	---
414	MEMPHIS SUBSTA.	-	TVA	295	16	9.63	6.18	5.40	4.79	1.38	5.25	#3.64	4.31	5.30	4.19	2.04	3.45	0.70	3.01	2.50	2.47	2.04	2.42	0.76	2.86	0.97	4.32	3.63	4.45	#37.99	47.70	2.5
415	TUPELO SUBSTA.	A-4	TVA	256	16	7.31	6.08	3.93	5.76	1.84	6.88	5.20	4.09	2.79	3.24	1.76	3.56	1.46	4.07	0.76	2.52	0.73	3.12	3.36	1.70	2.46	4.57	6.10	4.88	37.70	50.47	T
454	CARTHAGE SUBSTA.	D-2	TVA	500	15	10.06	6.26	3.28	4.74	3.56	5.13	4.88	3.74	2.64	4.11	2.02	4.56	1.00	4.14	3.27	3.67	4.48	2.90	2.41	2.13	1.80	4.28	6.86	4.67	46.26	50.33	2.5
455	LEBANON SUBSTA.	C-2	TVA	530	41	8.90	5.20	3.64	4.11	4.31	5.43	4.82	4.28	2.86	4.52	1.72	4.32	2.58	4.17	2.39	4.14	5.60	2.92	3.35	3.11	1.81	3.82	5.90	4.73	47.88	50.75	1.2
469	SOUTH NASHVILLE SUBSTA.	C-2	TVA	425	15	7.97	6.38	3.94	4.49	4.18	5.36	4.52	3.55	5.58	3.88	2.12	3.12	2.15	4.11	3.62	3.28	5.02	3.12	4.09	2.07	1.57	3.81	4.79	4.41	49.55	47.58	1.0
639	BOWLING GREEN SUBSTA.	C-1	TVA	470	11	6.60	6.28	3.44	4.80	1.76	5.34	4.36	3.51	3.90	3.85	4.70	3.58	2.63	3.96	4.44	3.09	5.17	3.63	2.60	1.94	1.45	3.71	6.39	4.61	47.44	48.30	3.0
683	RUSSELLVILLE SUBSTA.	C-2	TVA	576	7	6.96	8.24	3.17	4.65	2.86	5.90	4.83	3.70	3.65	3.65	4.93	4,63	2.85	4.84	2.51	3.07	6.10	4.11	2.30	2.47	1.75	4.58	6.25	6.23	48.16	56.07	2.7
684	SUMMER SHADE SUBSTA.	D-2	TVA	-	7	7.48	8.64	2.57	3.32	3.26	6.24	7.38	4.24	3.16	3.69	3.62	4.62	2.04	5.79	1.54	2.71	3.04	3.16	4.07	2.95	3.46	4.41	5.88	4.98	47.50	54.75	1.6
731	GALLATIN STEAM PLANT (R)	C-2	TVA	530	2	8.43		3.80		3.42		5.49		3.40		1.80		2.17		1.88		2.85		3.89		1.60		5.67		44.40		---
737	WOODBURY	C-3	USWB	750	1	ESTABLISHED JULY 1, 1954												2.87		1.50		3.37		2.73		1.70		7.43		-----		---

(#) Interpolated or partly interpolated. (R) Recorder at present.

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